

Shenzhen UnionTrust Quality and Technology Co., Ltd.

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UTTR-RF-EN300328-V1.2



IEEE 802.11ac_Channel 134_40MHz_Antenna 1



IEEE 802.11ac_Channel 134_40MHz_Antenna 2



IEEE 802.11ac_Channel 42_80MHz_Antenna 0



IEEE 802.11ac_Channel 42_80MHz_Antenna 1



IEEE 802.11ac_Channel 42_80MHz_Antenna 2



IEEE 802.11ac_Channel 58_80MHz_Antenna 0

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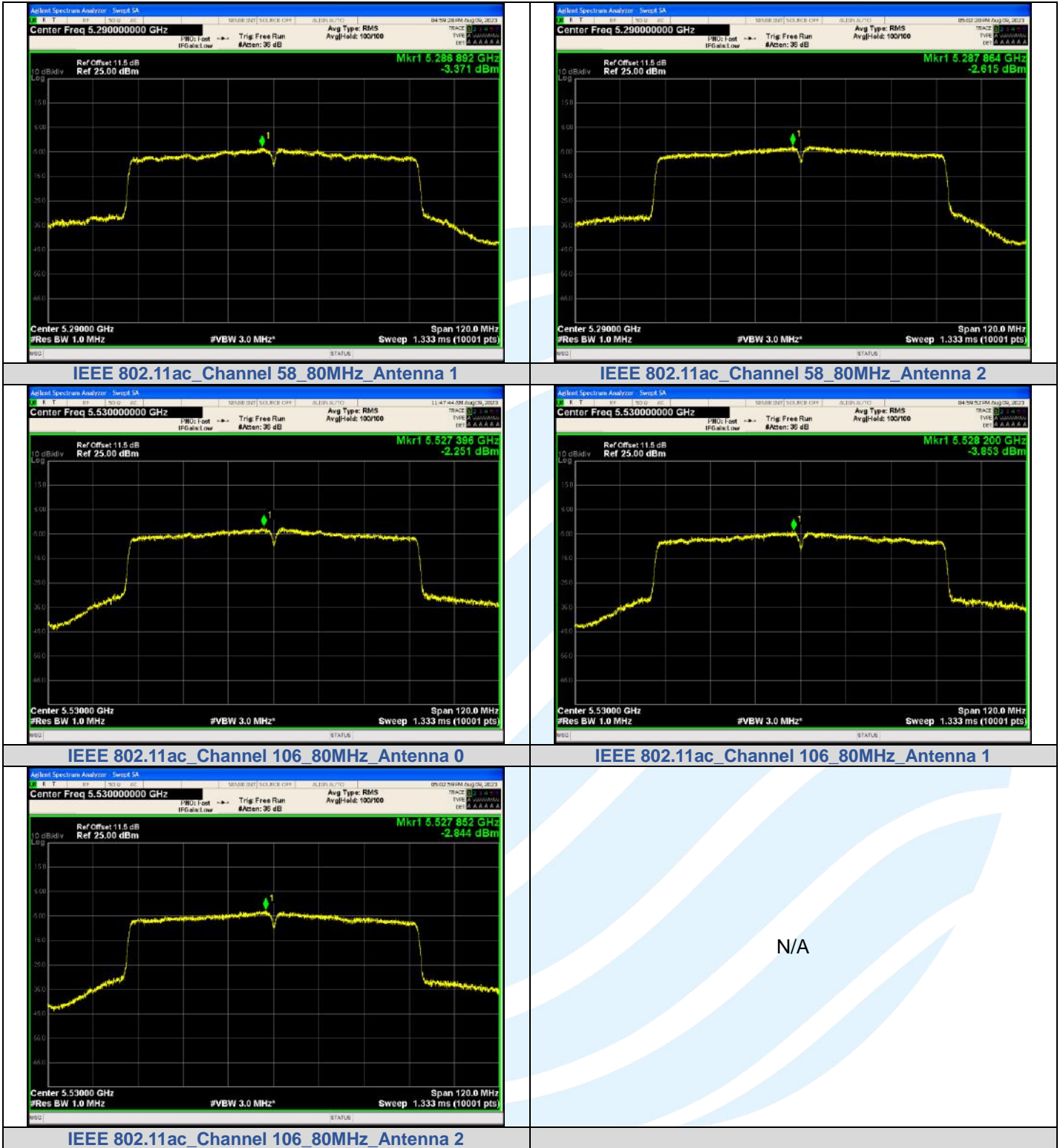
Tel: +86-755-28230888

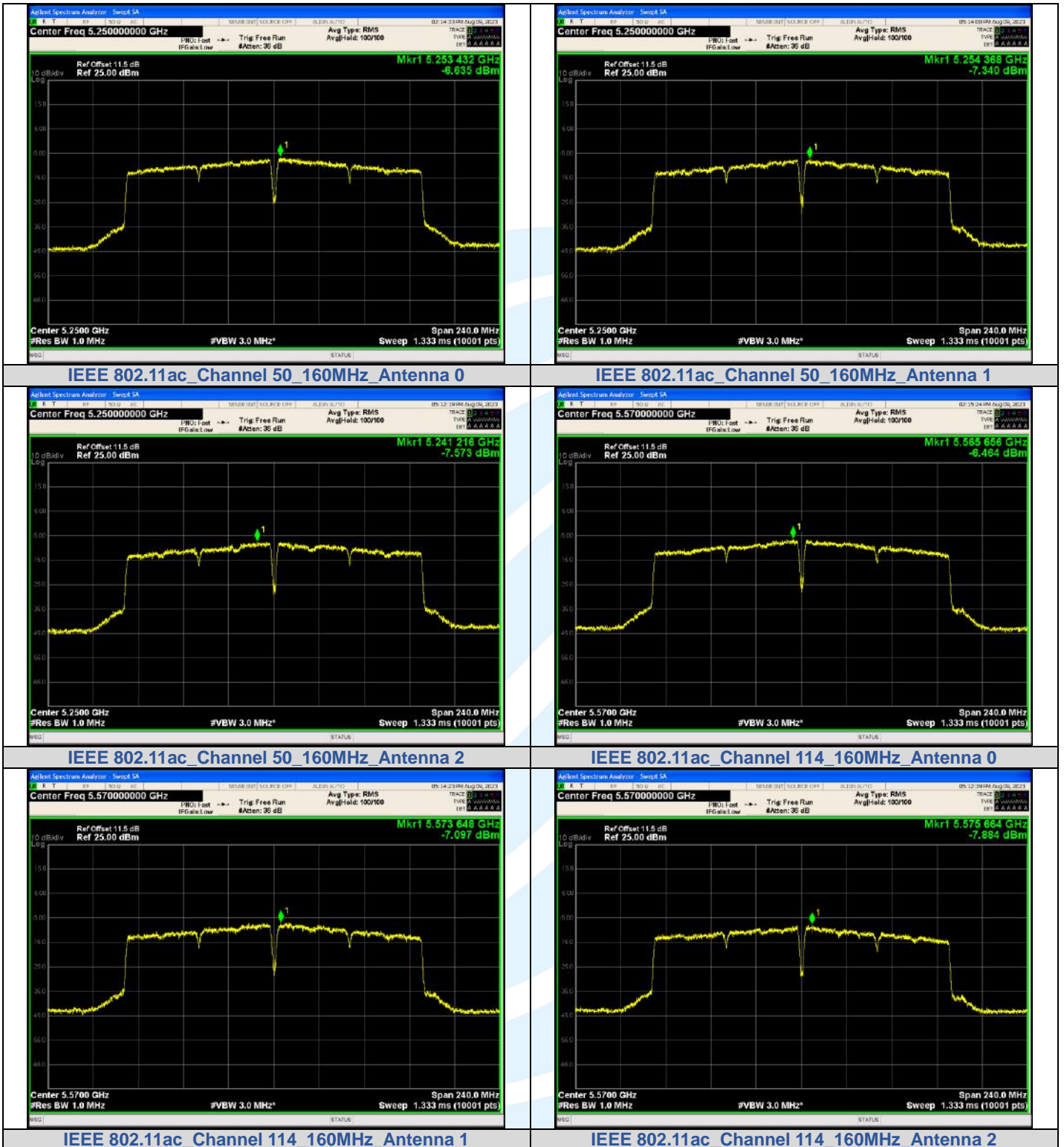
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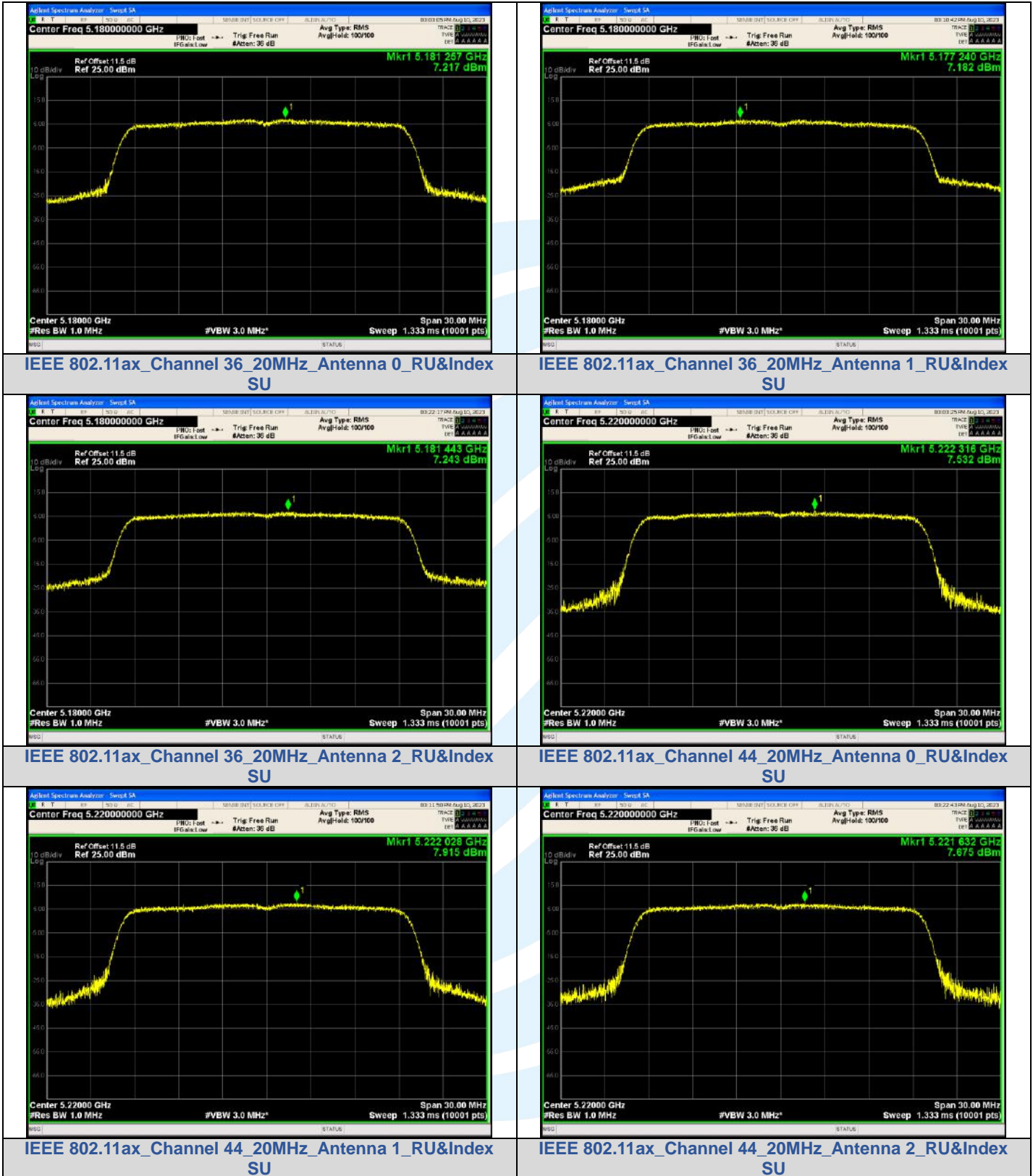
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IEEE 802.11ax_Channel 48_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 48_20MHz_Antenna 1_RU&Index SU



IEEE 802.11ax_Channel 48_20MHz_Antenna 2_RU&Index SU



IEEE 802.11ax_Channel 52_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 52_20MHz_Antenna 1_RU&Index SU



IEEE 802.11ax_Channel 52_20MHz_Antenna 2_RU&Index SU

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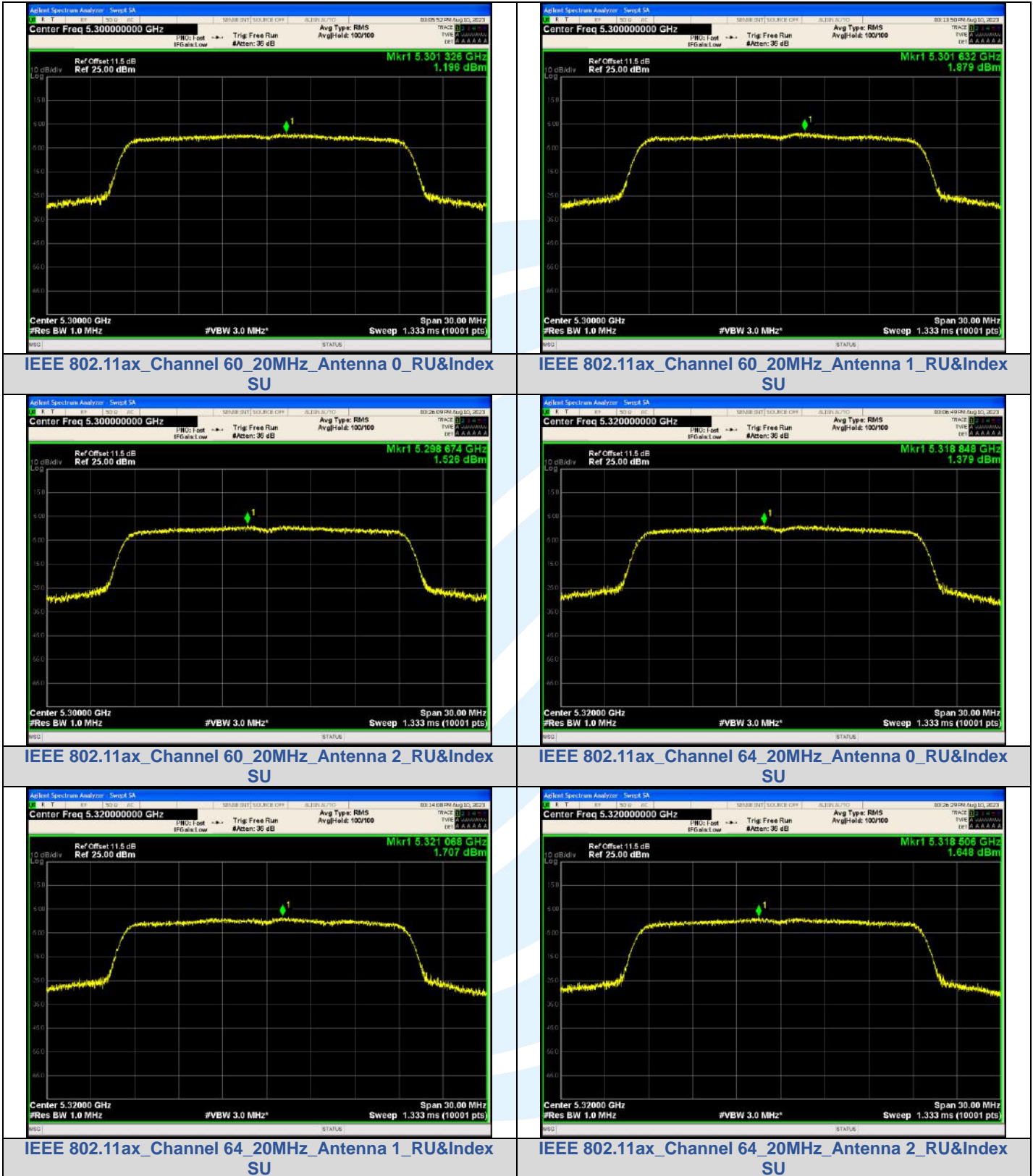
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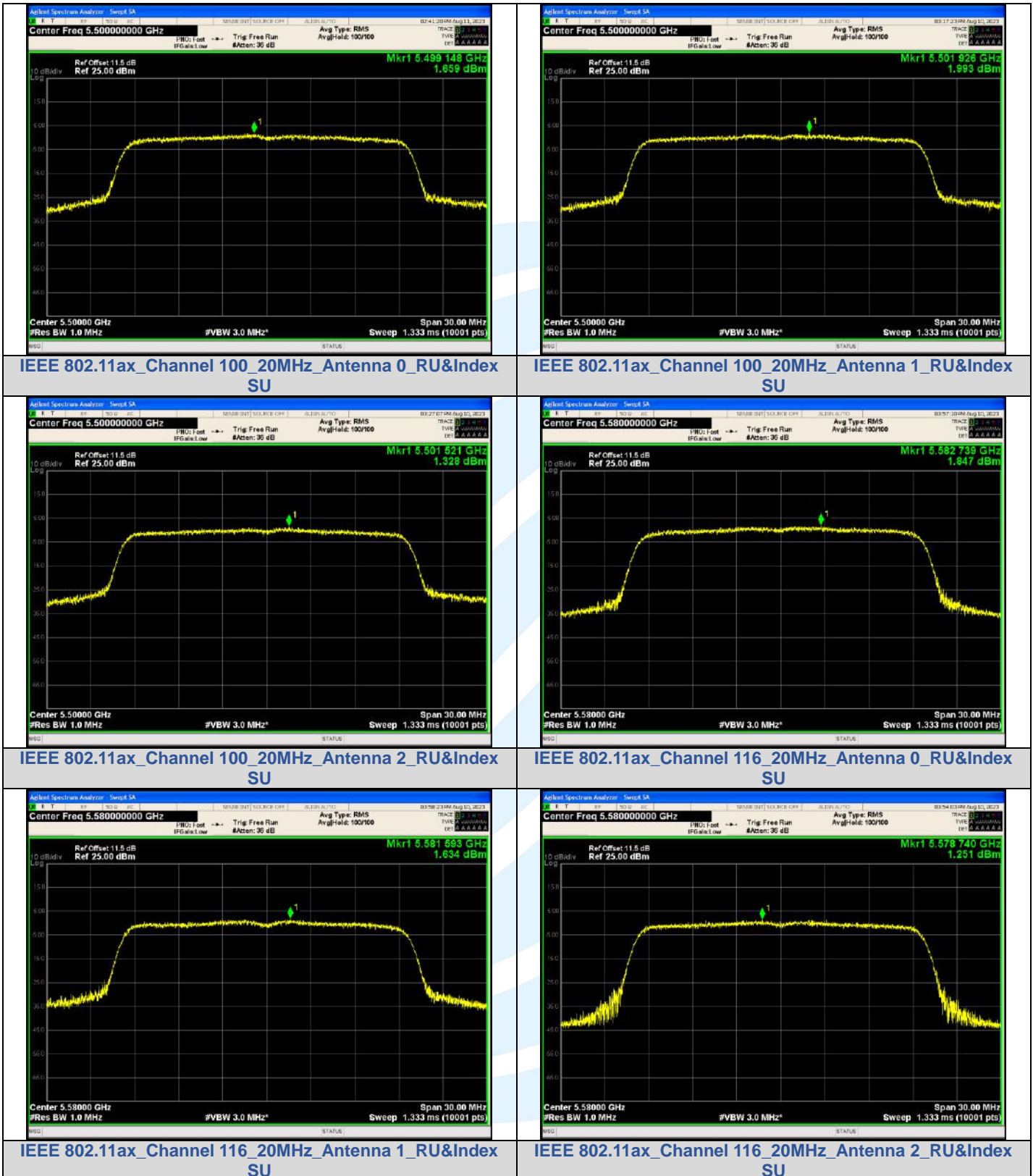
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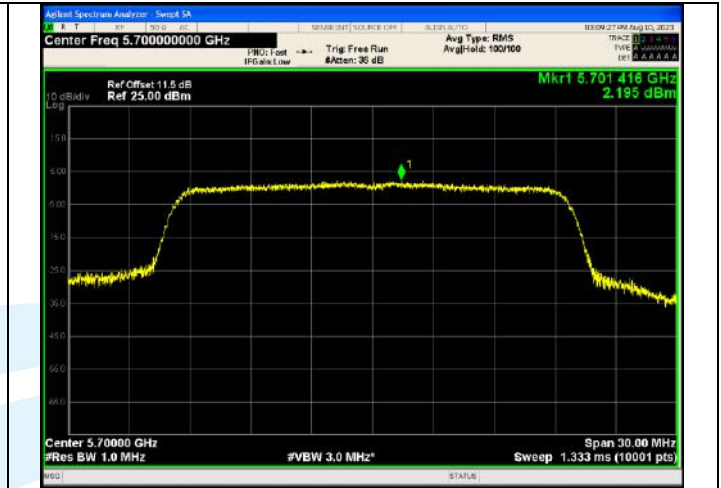
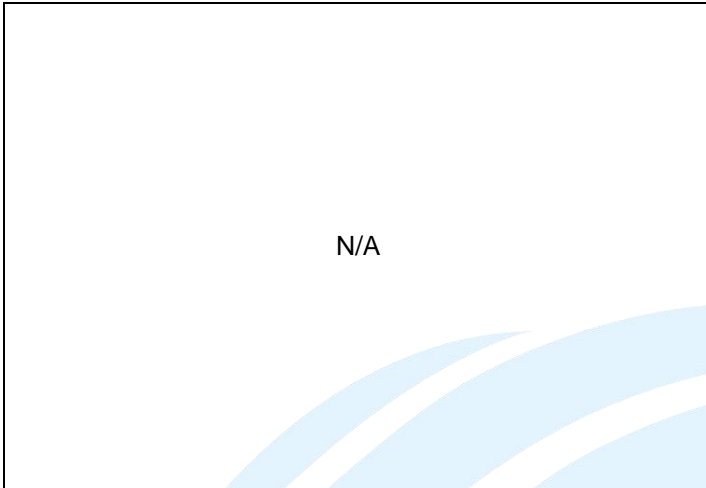
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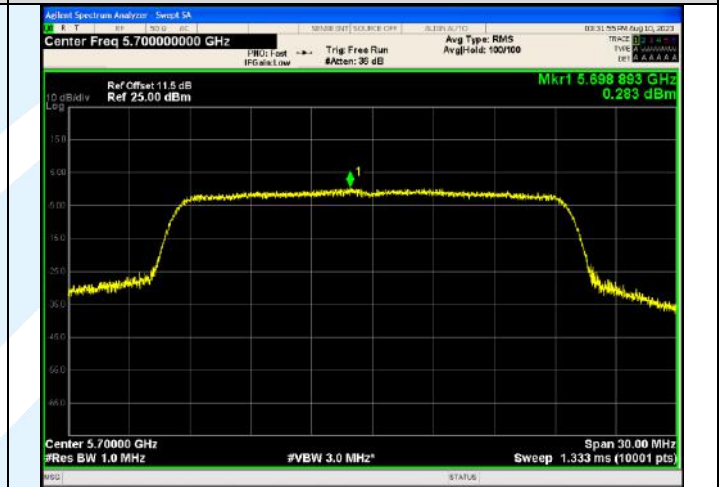
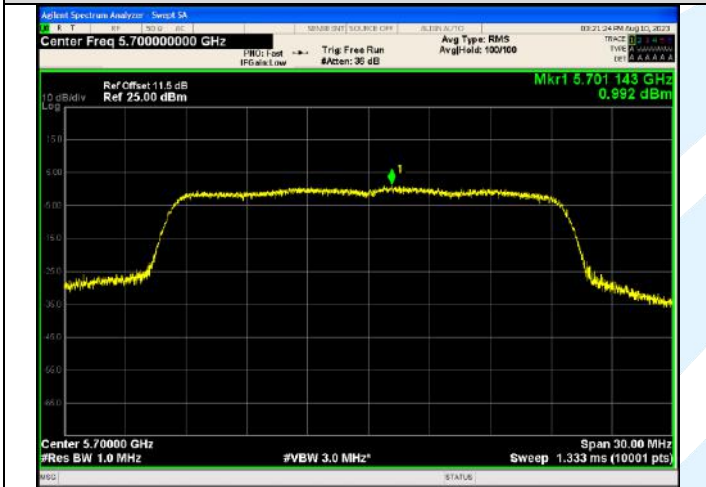
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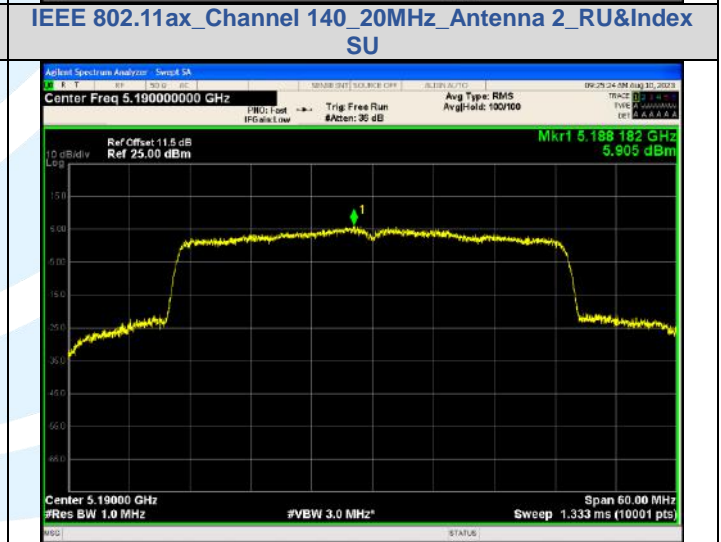
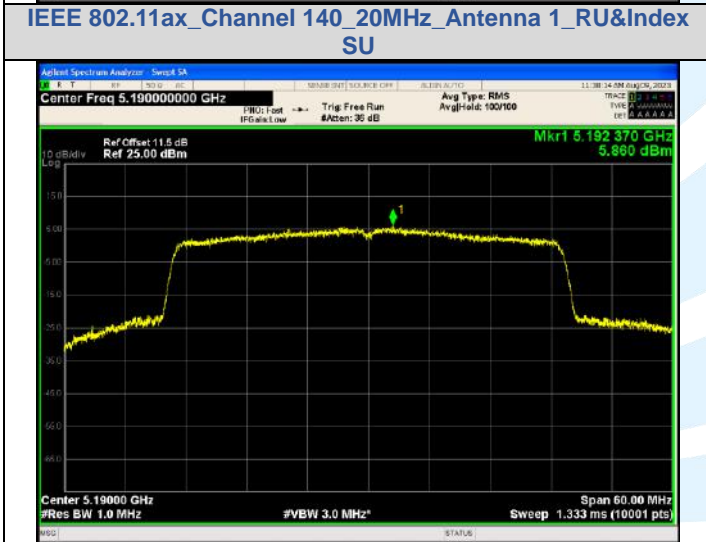
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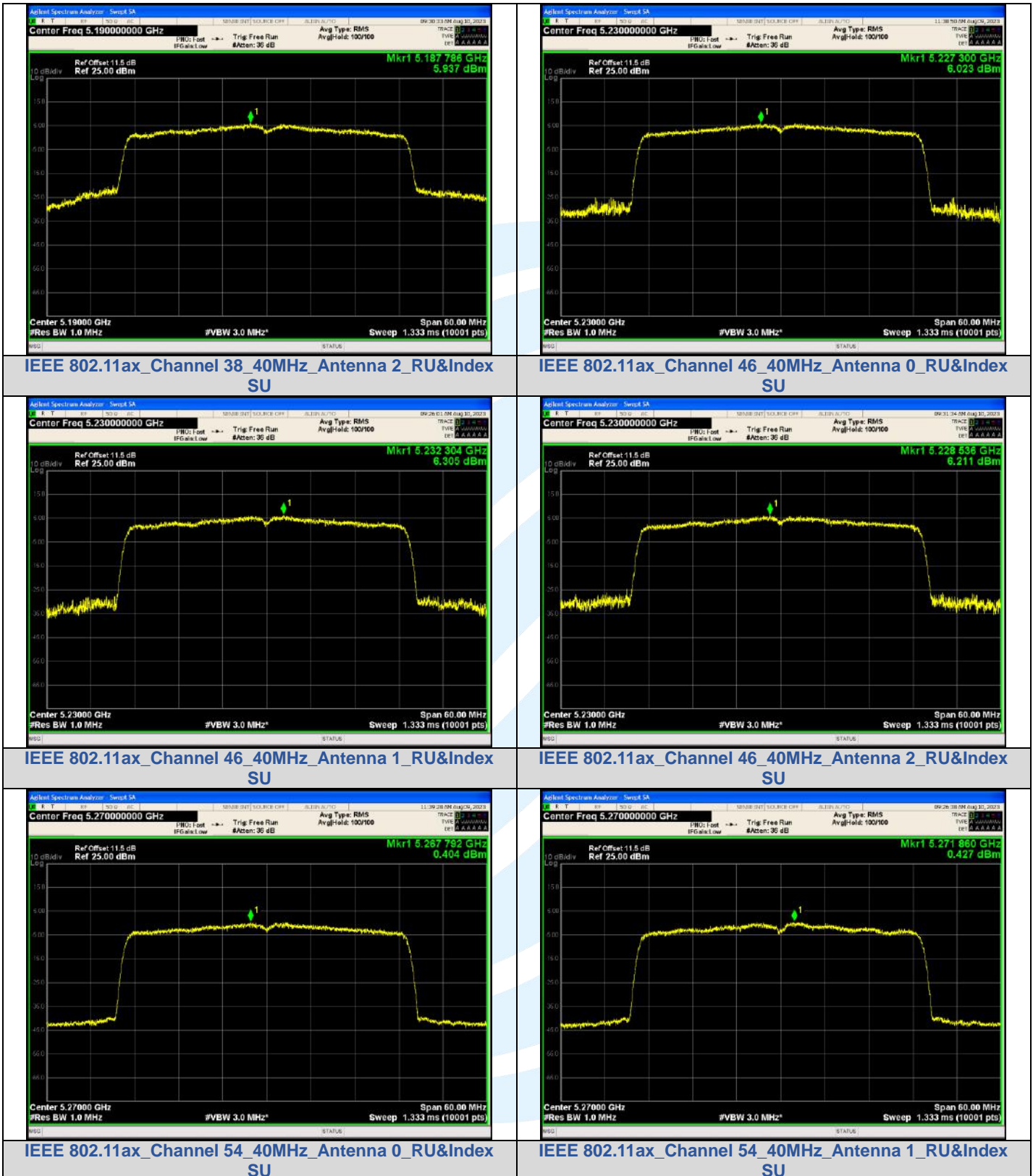
IEEE 802.11ax_Channel 140_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 140_20MHz_Antenna 2_RU&Index SU



IEEE 802.11ax_Channel 38_40MHz_Antenna 1_RU&Index SU



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IEEE 802.11ax_Channel 54_40MHz_Antenna 2_RU&Index SU



IEEE 802.11ax_Channel 62_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 62_40MHz_Antenna 1_RU&Index SU



IEEE 802.11ax_Channel 62_40MHz_Antenna 2_RU&Index SU



IEEE 802.11ax_Channel 102_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 102_40MHz_Antenna 1_RU&Index SU

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IEEE 802.11ax_Channel 102_40MHz_Antenna 2_RU&Index SU



IEEE 802.11ax_Channel 110_40MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 110_40MHz_Antenna 1_RU&Index SU

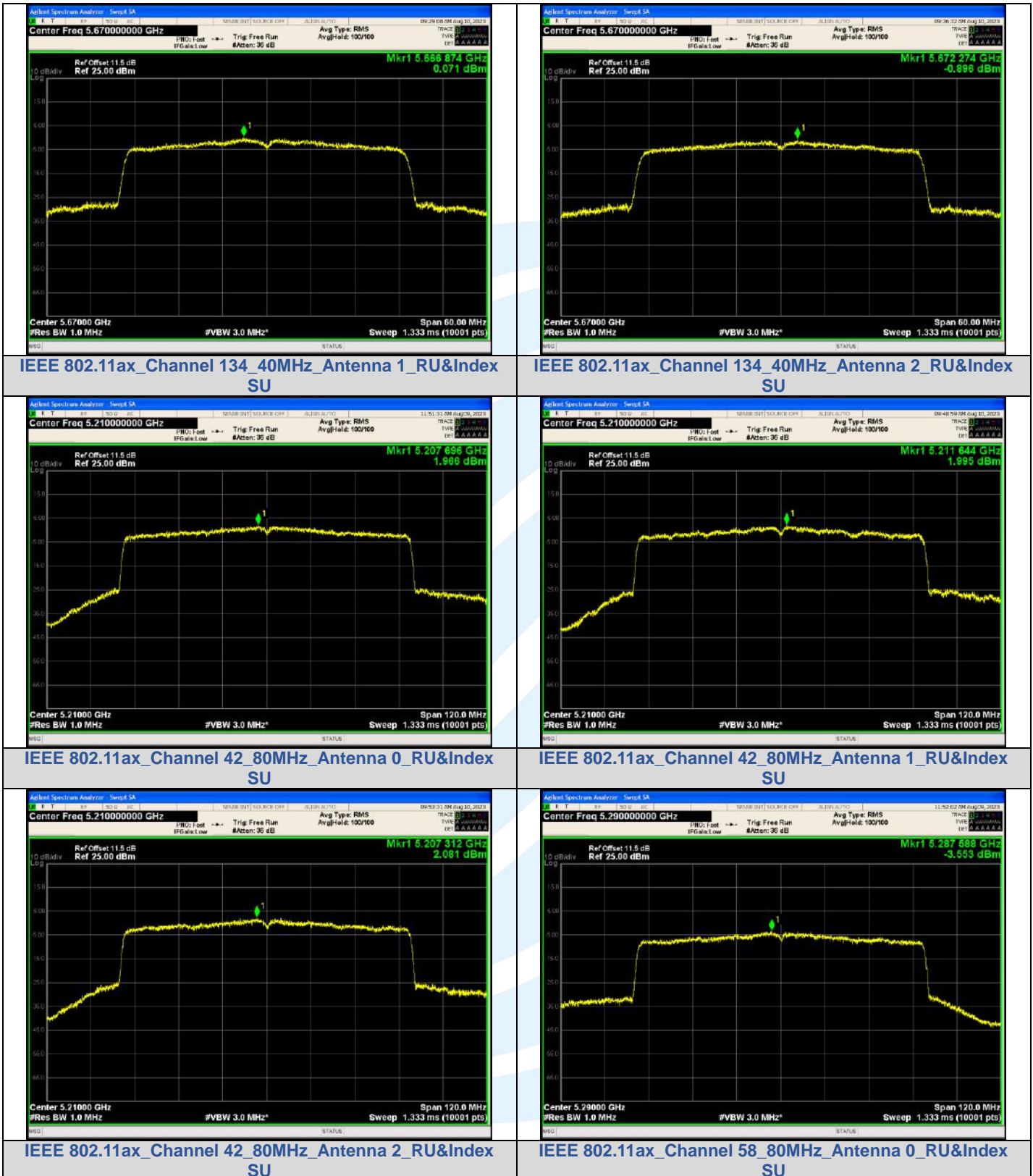


IEEE 802.11ax_Channel 110_40MHz_Antenna 2_RU&Index SU

N/A



IEEE 802.11ax_Channel 134_40MHz_Antenna 0_RU&Index SU



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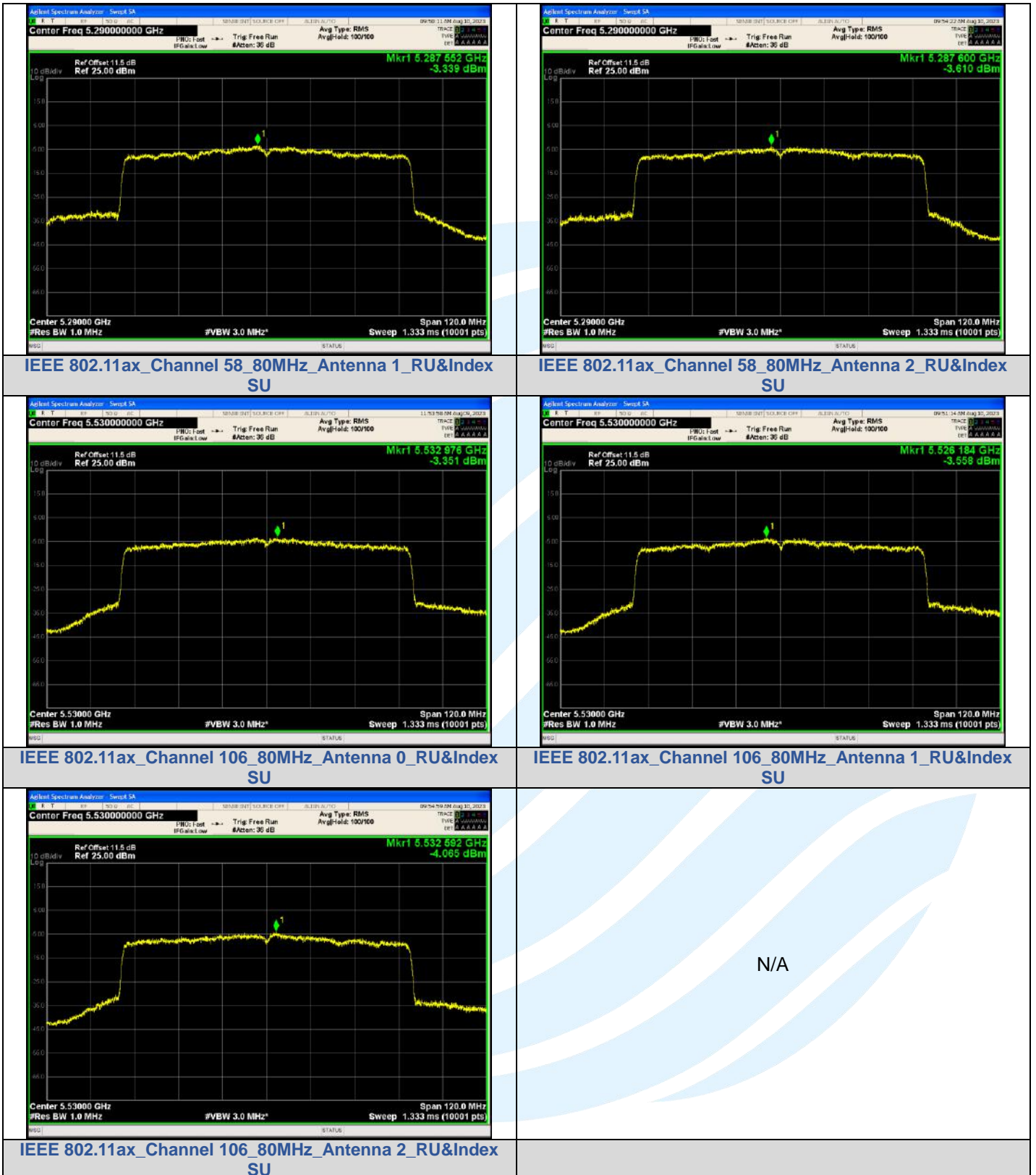
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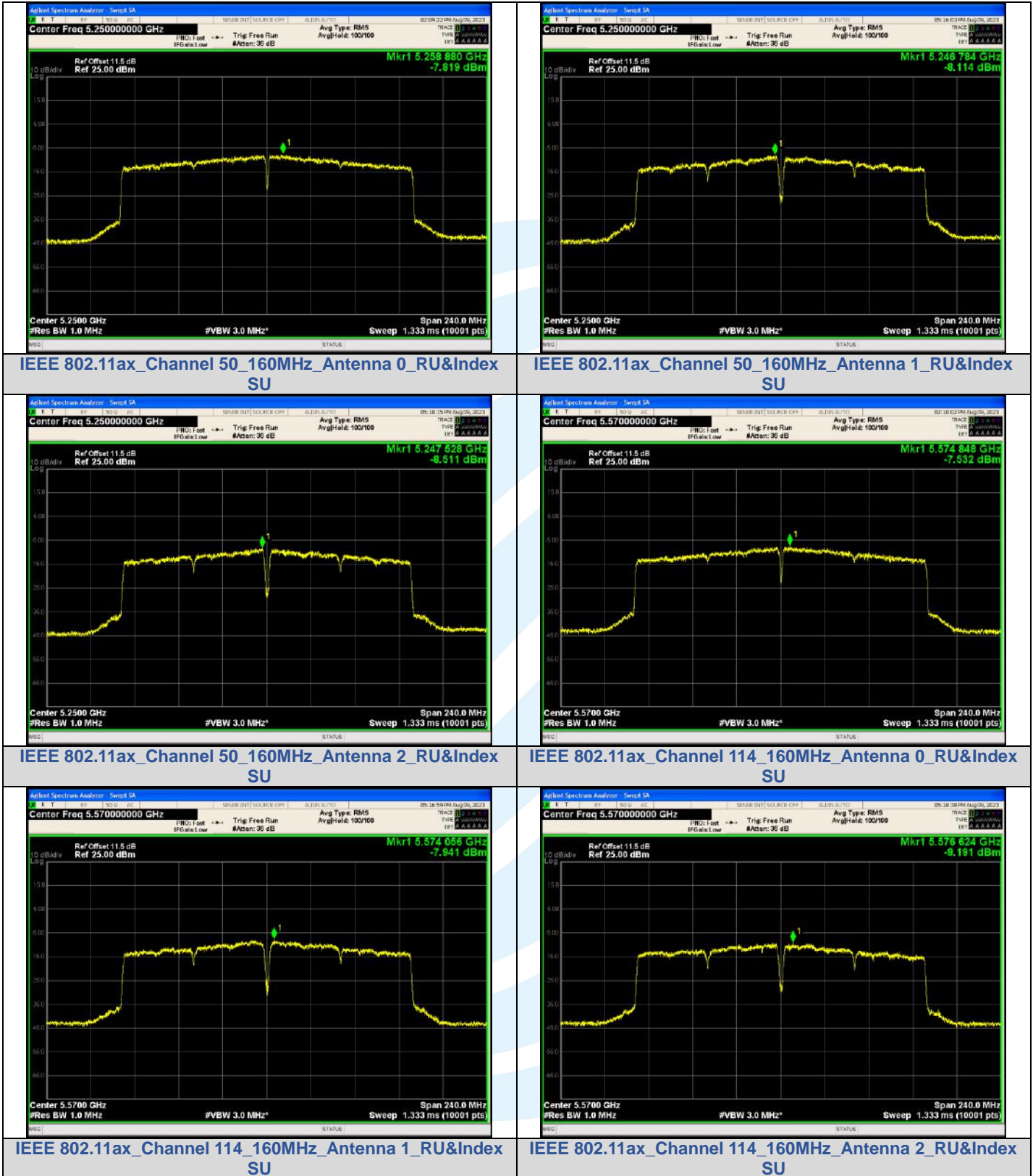
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For U-NII-3 Band:

Mode	Chan nel	RU & Ind ex	Ant. 0 Meas PSD (dBm/M Hz or dBm/0.5 MHz)	Ant. 1 Meas PSD (dBm/M Hz or dBm/0.5 MHz)	Ant. 2 Meas PSD (dBm/M Hz or dBm/0.5 MHz)	Ant. 0 Corr'd PSD (dBm/M Hz or dBm/0.5 MHz)	Ant. 1 Corr'd PSD (dBm/M Hz or dBm/0.5 MHz)	Ant. 2 Corr'd PSD (dBm/M Hz or dBm/0.5 MHz)	Total Corr'd PSD (dBm/M Hz or dBm/0.5 MHz)	Limit (dBm/M Hz or dBm/0.5 MHz)	Res ult
IEEE 802.11a	149	N/A	6.812	7.362	6.792	6.995	7.545	6.975	N/A	30	PAS S
	157		6.684	7.536	6.822	6.867	7.719	7.005	N/A		PAS S
	165		6.694	7.107	7.202	6.877	7.290	7.385	N/A		PAS S
IEEE 802.11n _20	149		5.100	5.712	4.899	5.312	5.924	5.111	10.23	26.13	PAS S
	157		5.312	5.974	5.731	5.524	6.186	5.943	10.66		PAS S
	165		5.092	5.712	5.516	5.304	5.924	5.728	10.43		PAS S
IEEE 802.11n _40	151		2.649	3.330	2.802	3.054	3.735	3.207	8.11		PAS S
	159		2.994	2.927	2.851	3.399	3.332	3.256	8.10		PAS S
IEEE 802.11a c_20	149		5.654	5.437	5.237	6.211	5.994	5.794	10.77		PAS S
	157		5.589	5.948	5.859	6.146	6.505	6.416	11.13		PAS S
	165		5.022	5.257	5.598	5.579	5.814	6.155	10.63		PAS S
IEEE 802.11a c_40	151		2.656	2.833	2.809	3.564	3.741	3.717	8.45		PAS S
	159		2.558	3.450	3.012	3.466	4.358	3.920	8.70		PAS S
IEEE 802.11a c_80	155		-1.146	-0.522	-0.998	0.341	0.965	0.489	5.38		PAS S
IEEE 802.11a x_20	149		SU	4.842	5.277	4.709	5.416	5.851	5.283		10.29
	157	4.992		5.315	5.088	5.566	5.889	5.662	10.48		PAS S
	165	4.262		4.812	5.276	4.836	5.386	5.850	10.15		PAS S
IEEE 802.11a x_40	151	2.552		2.773	2.382	3.128	3.349	2.958	7.92		PAS S
	159	2.427		3.011	2.719	3.003	3.587	3.295	8.07	PAS S	
IEEE 802.11a x_80	155	-0.382		-0.705	-0.577	0.210	-0.113	0.015	4.81	PAS S	

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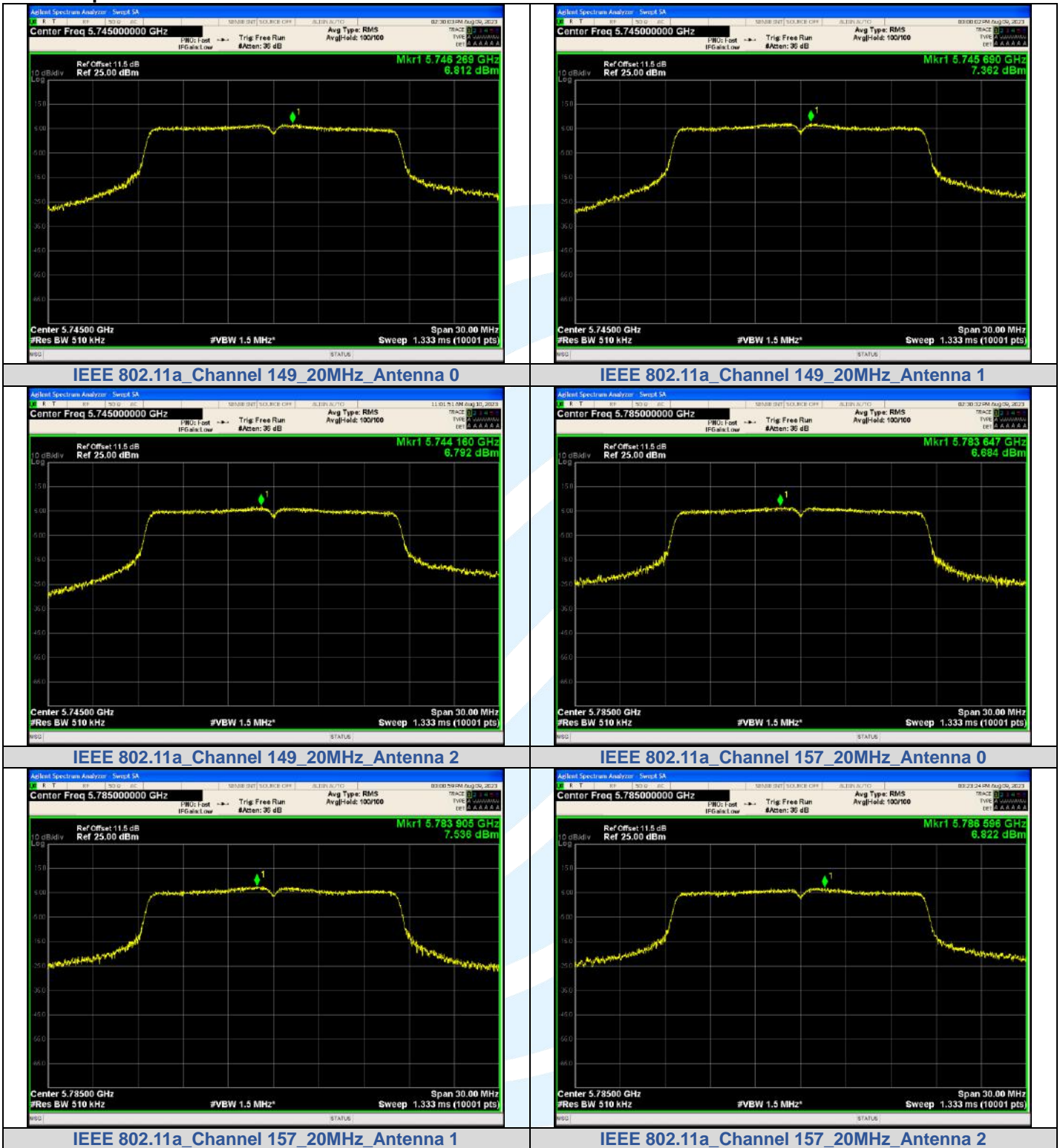
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Test Graphs



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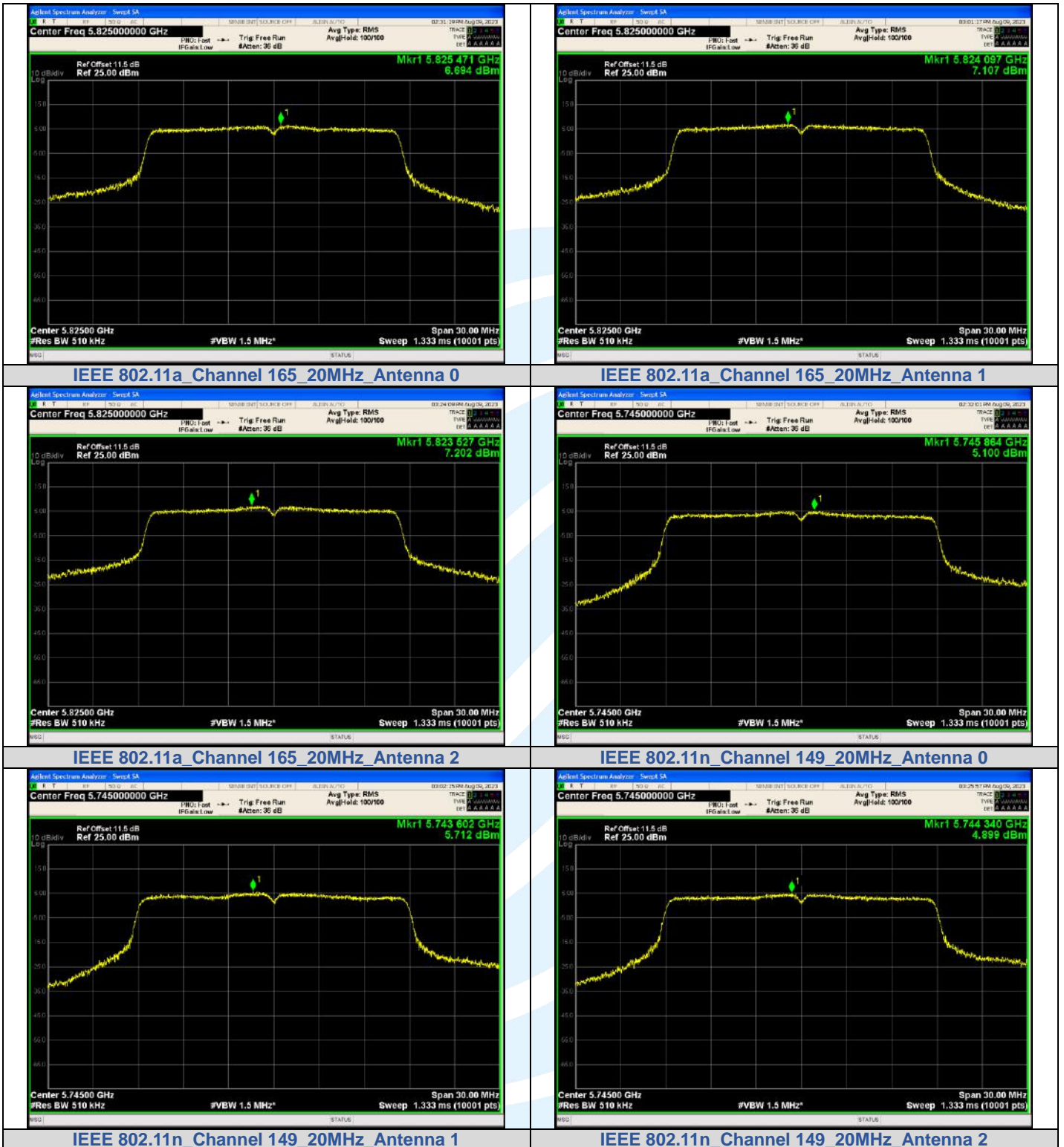
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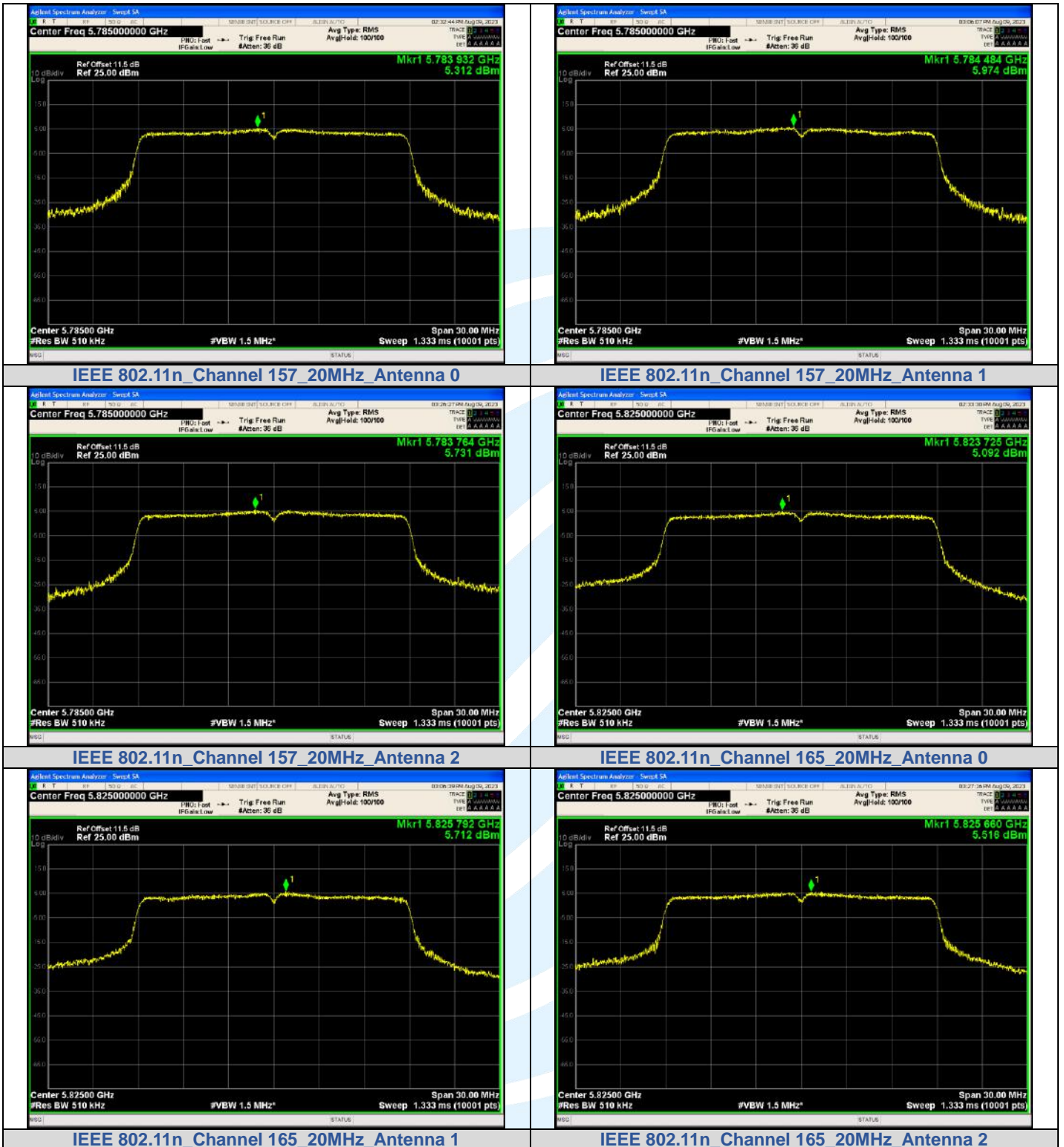
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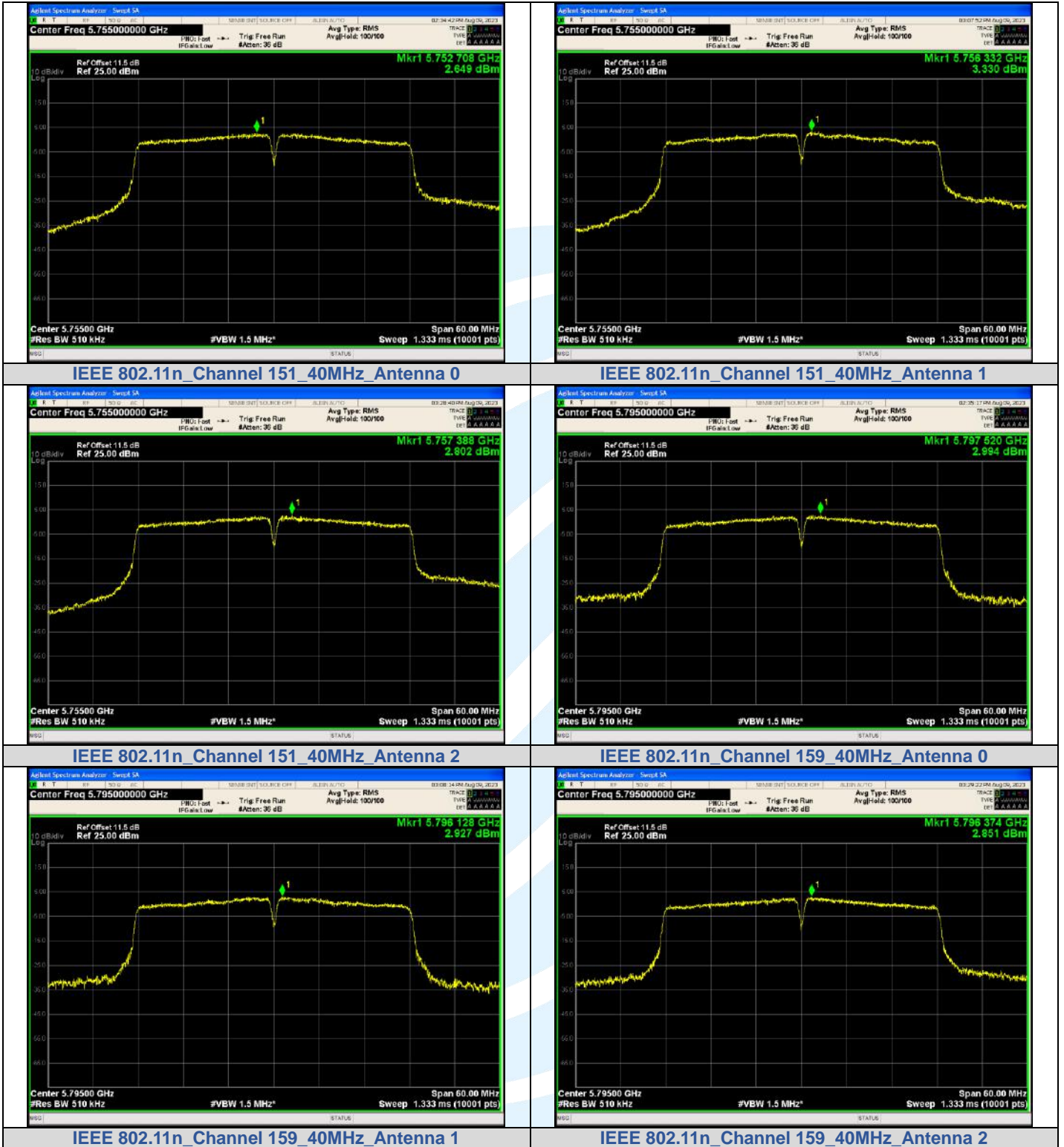
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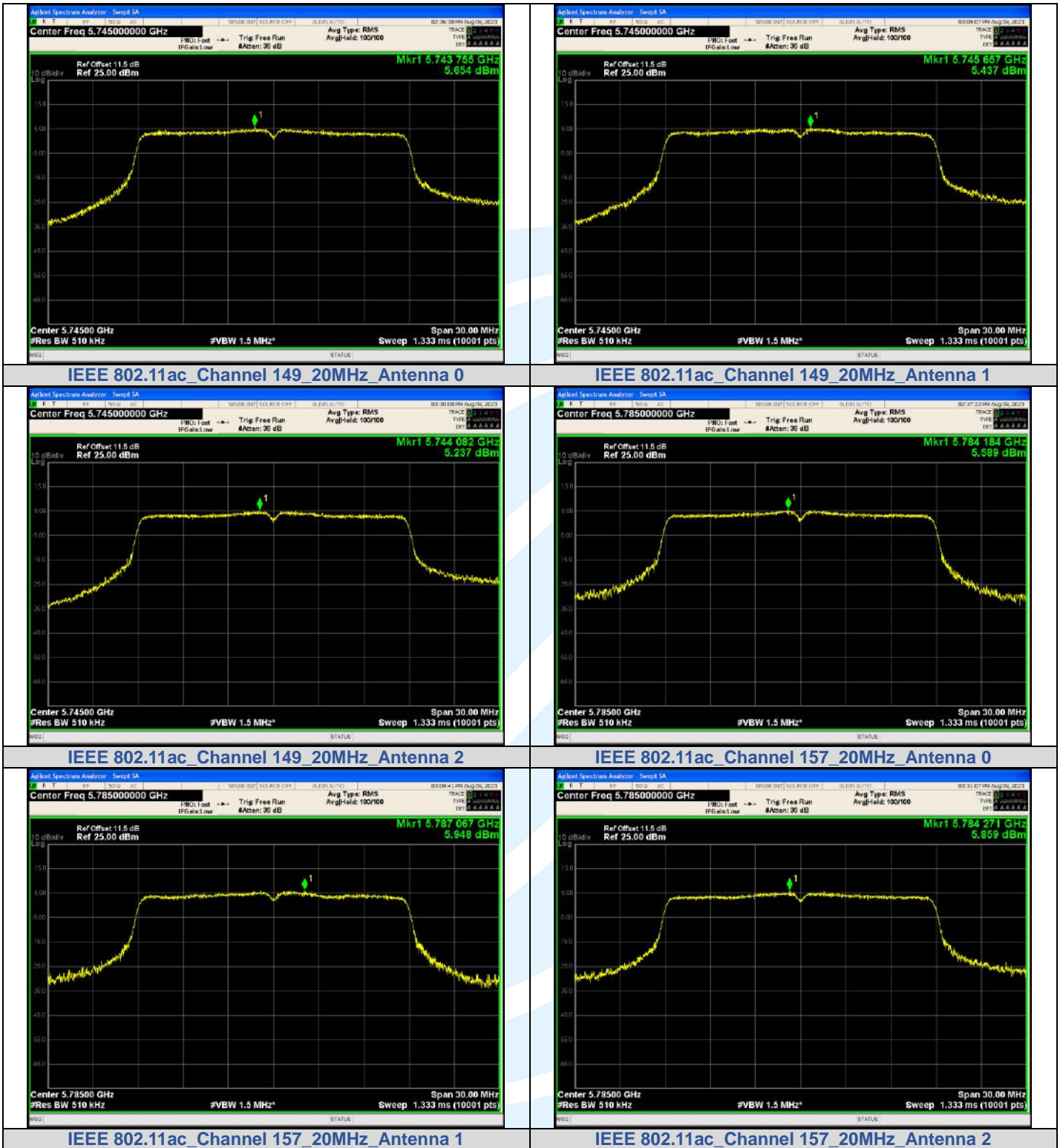
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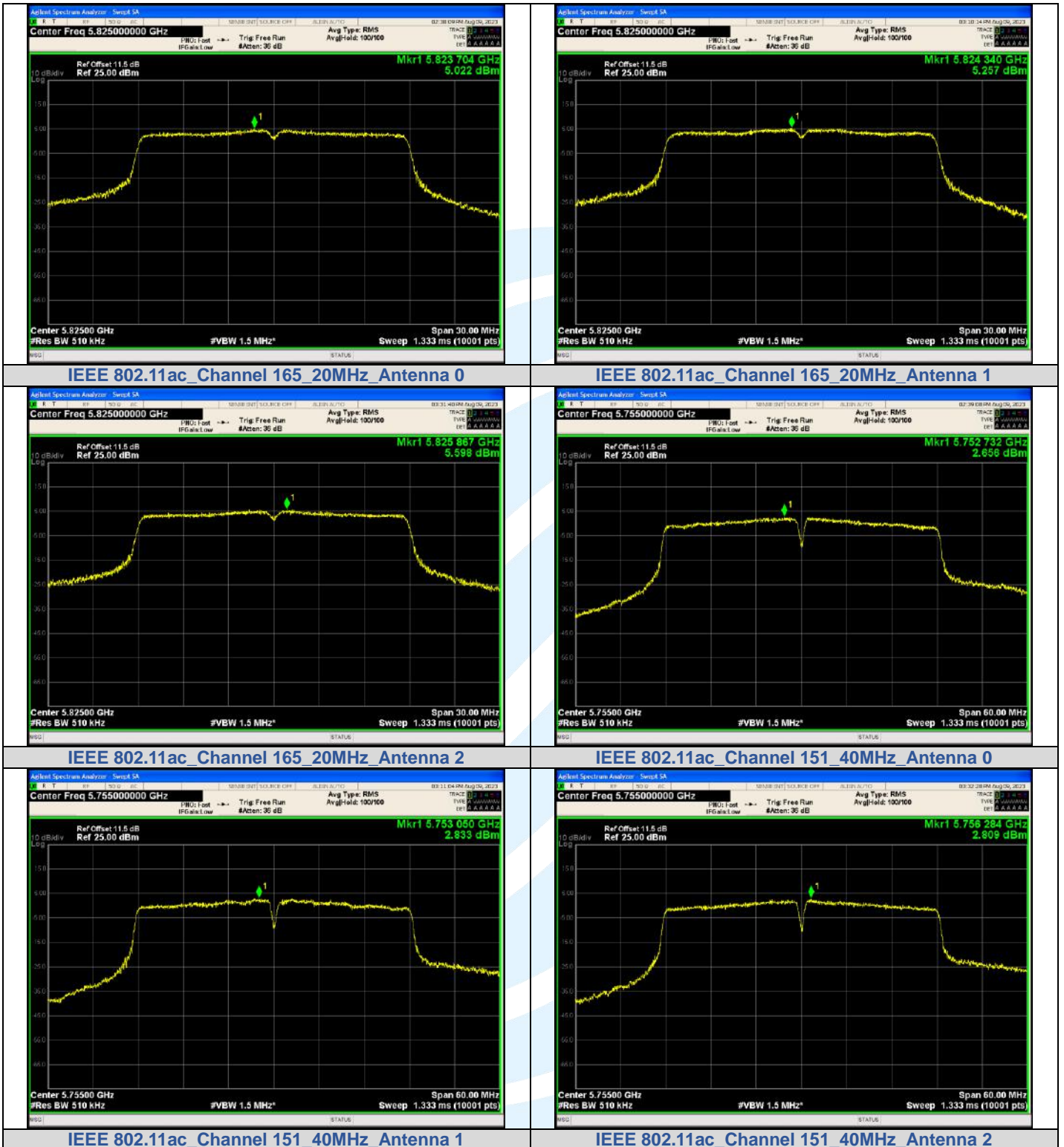
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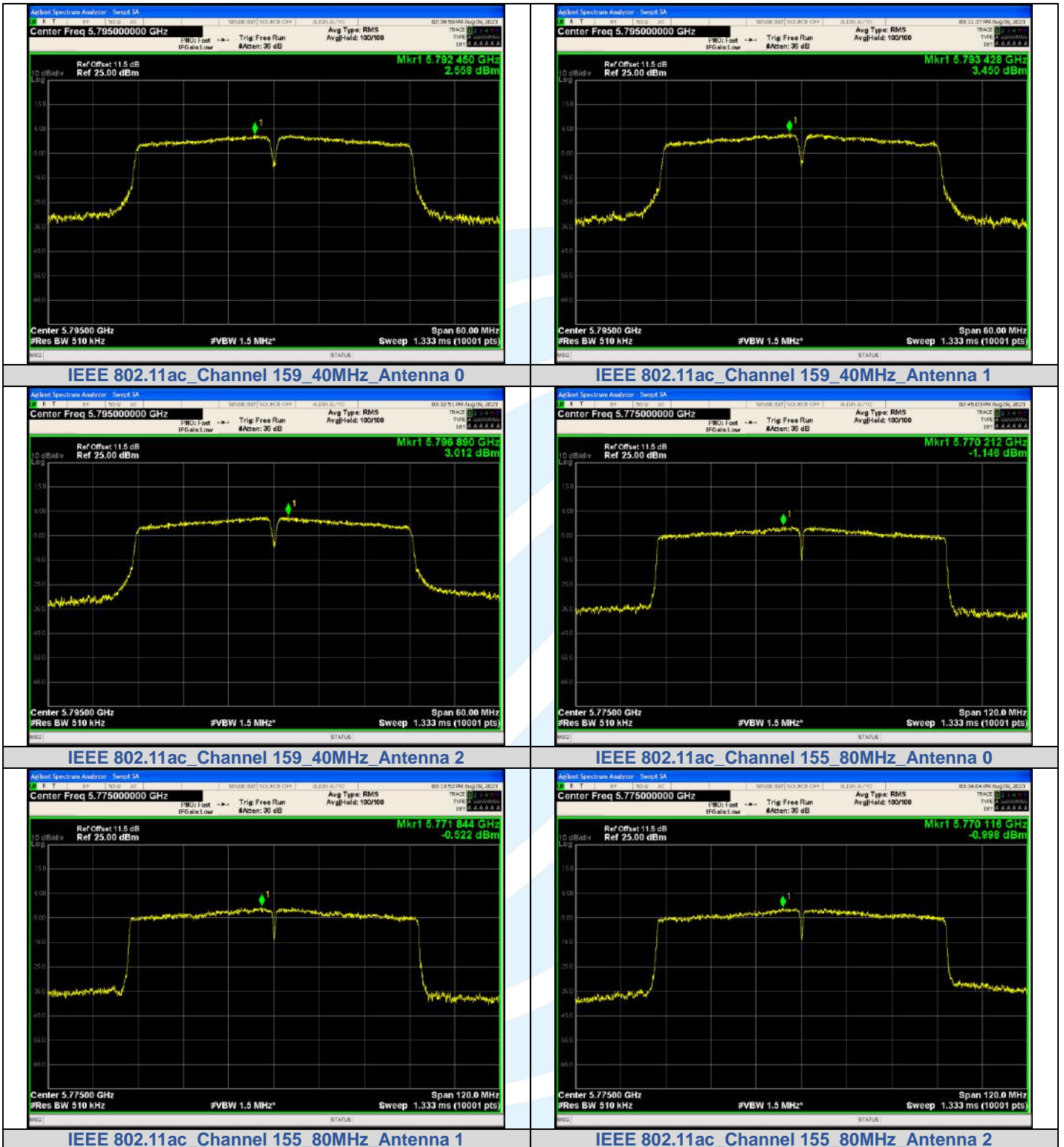
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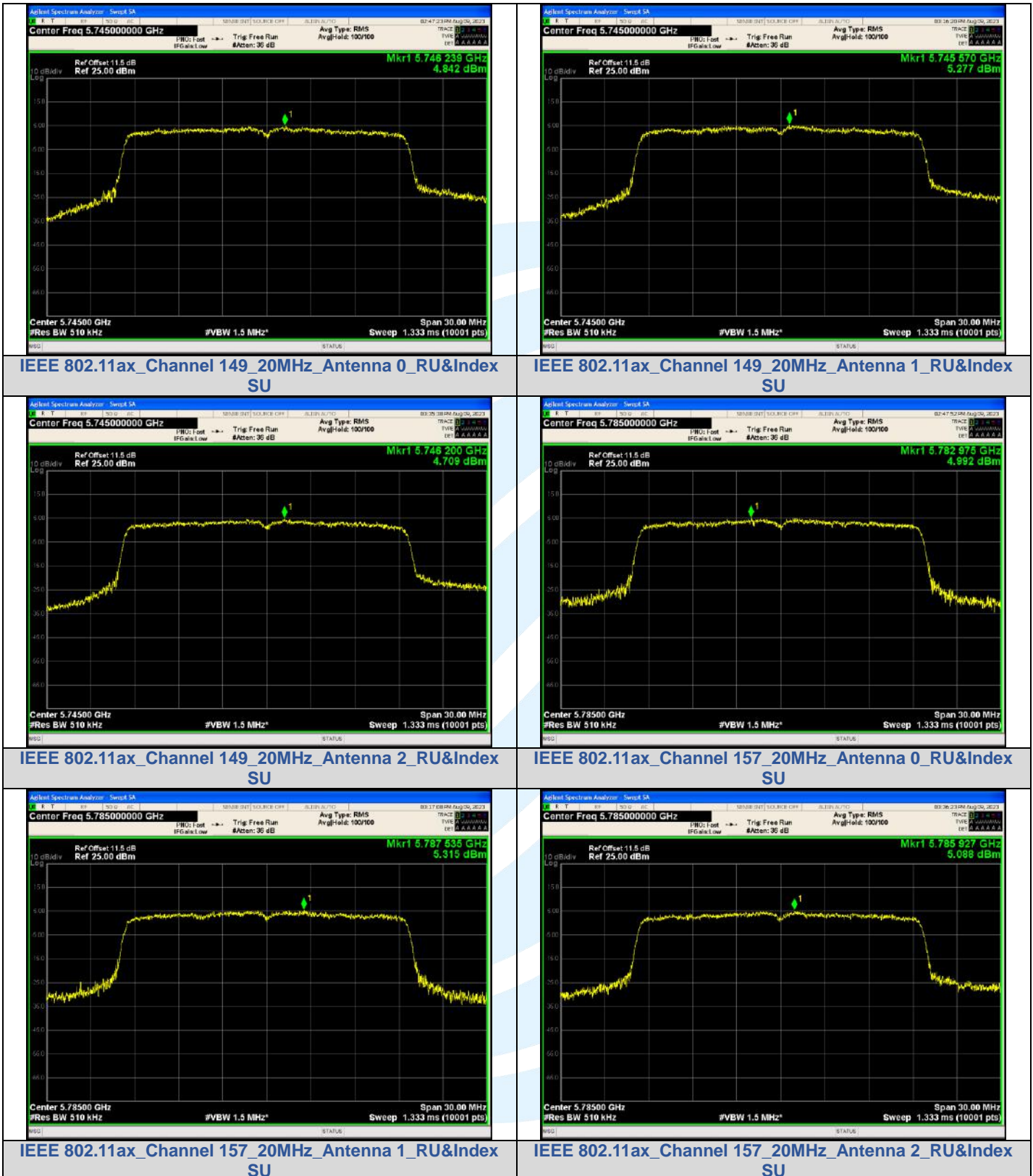
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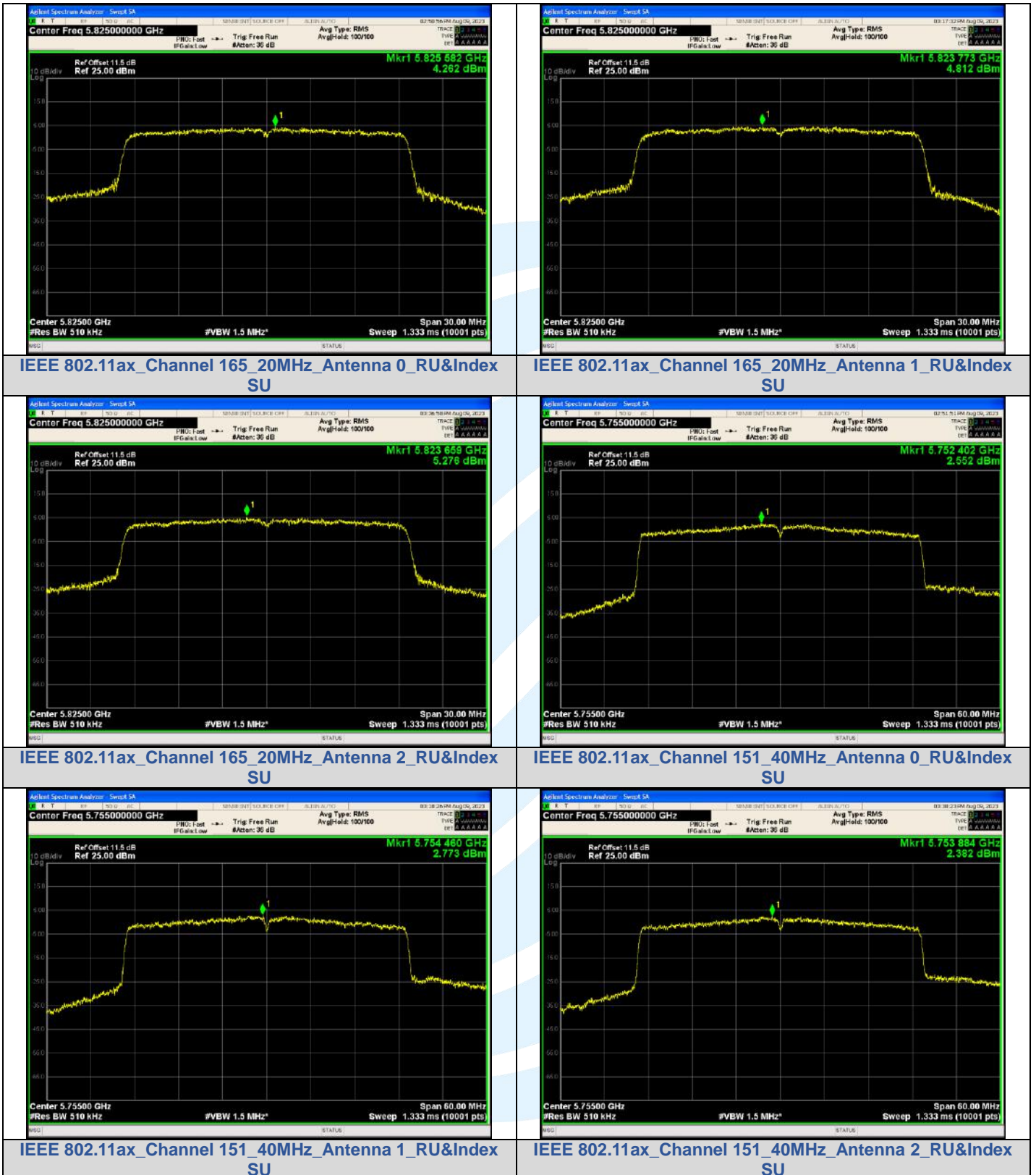
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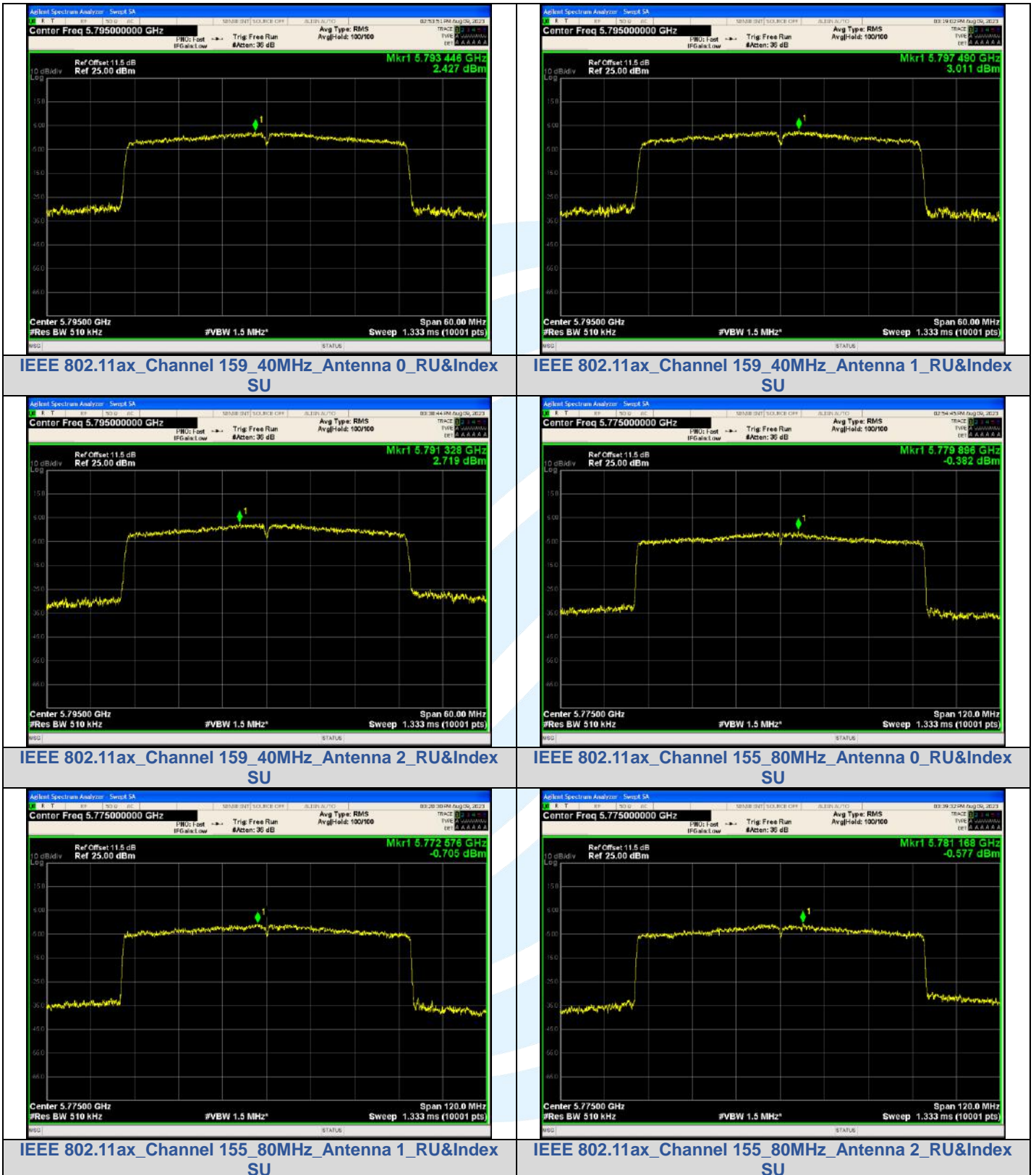
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A.4 6DB BANDWIDTH

For U-NII-3 Band:

Mode	Channel	RU & Index	Ant.	Center Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (MHz)	Result		
IEEE 802.11a	149	N/A	0	5745	15.90	0.5	PASS		
			1	5745	16.31		PASS		
			2	5745	16.35		PASS		
	157		0	5785	16.30		PASS		
			1	5785	16.06		PASS		
			2	5785	16.33		PASS		
	165		0	5825	16.01		PASS		
			1	5825	16.05		PASS		
			2	5825	16.32		PASS		
IEEE 802.11n_20	149	N/A	0	5745	16.67	0.5	PASS		
			1	5745	17.54		PASS		
			2	5745	16.93		PASS		
	157		0	5785	17.58		PASS		
			1	5785	17.55		PASS		
			2	5785	17.53		PASS		
	165		0	5825	17.54		PASS		
			1	5825	17.55		PASS		
			2	5825	16.92		PASS		
IEEE 802.11n_40	151	N/A	0	5755	33.75	0.5	PASS		
			1	5755	35.10		PASS		
	159		2	5755	36.33		PASS		
			0	5795	32.63		PASS		
	149		1	5795	35.02		PASS		
			2	5795	35.05		PASS		
IEEE 802.11ac_20	149	N/A	0	5745	17.55	0.5	PASS		
			1	5745	17.56		PASS		
			2	5745	17.19		PASS		
	157		0	5785	17.60		PASS		
			1	5785	17.55		PASS		
			2	5785	17.55		PASS		
	165		0	5825	17.54		PASS		
			1	5825	17.56		PASS		
			2	5825	17.59		PASS		
IEEE 802.11ac_40	151	N/A	0	5755	35.07	0.5	PASS		
			1	5755	35.05		PASS		
	159		2	5755	35.10		PASS		
			0	5795	33.88		PASS		
	149		1	5795	35.12		PASS		
			2	5795	35.05		PASS		
IEEE 802.11ac_80	155	N/A	0	5775	75.12	0.5	PASS		
			1	5775	75.13		PASS		
			2	5775	75.10		PASS		
IEEE 802.11ax_20	149		SU	0	5745		18.41	0.5	PASS
				1	5745		18.21		PASS
				2	5745		18.79		PASS
	157	0		5785	18.57	PASS			
		1		5785	18.77	PASS			
		2		5785	18.68	PASS			
	165	0		5825	17.45	PASS			
		1		5825	18.29	PASS			
		2		5825	18.19	PASS			
IEEE 802.11ax_40	151	SU	0	5755	35.12	0.5	PASS		
			1	5755	35.08		PASS		
	159		2	5755	35.04		PASS		
			0	5795	35.10		PASS		
	149		1	5795	35.07		PASS		
			2	5795	36.31		PASS		

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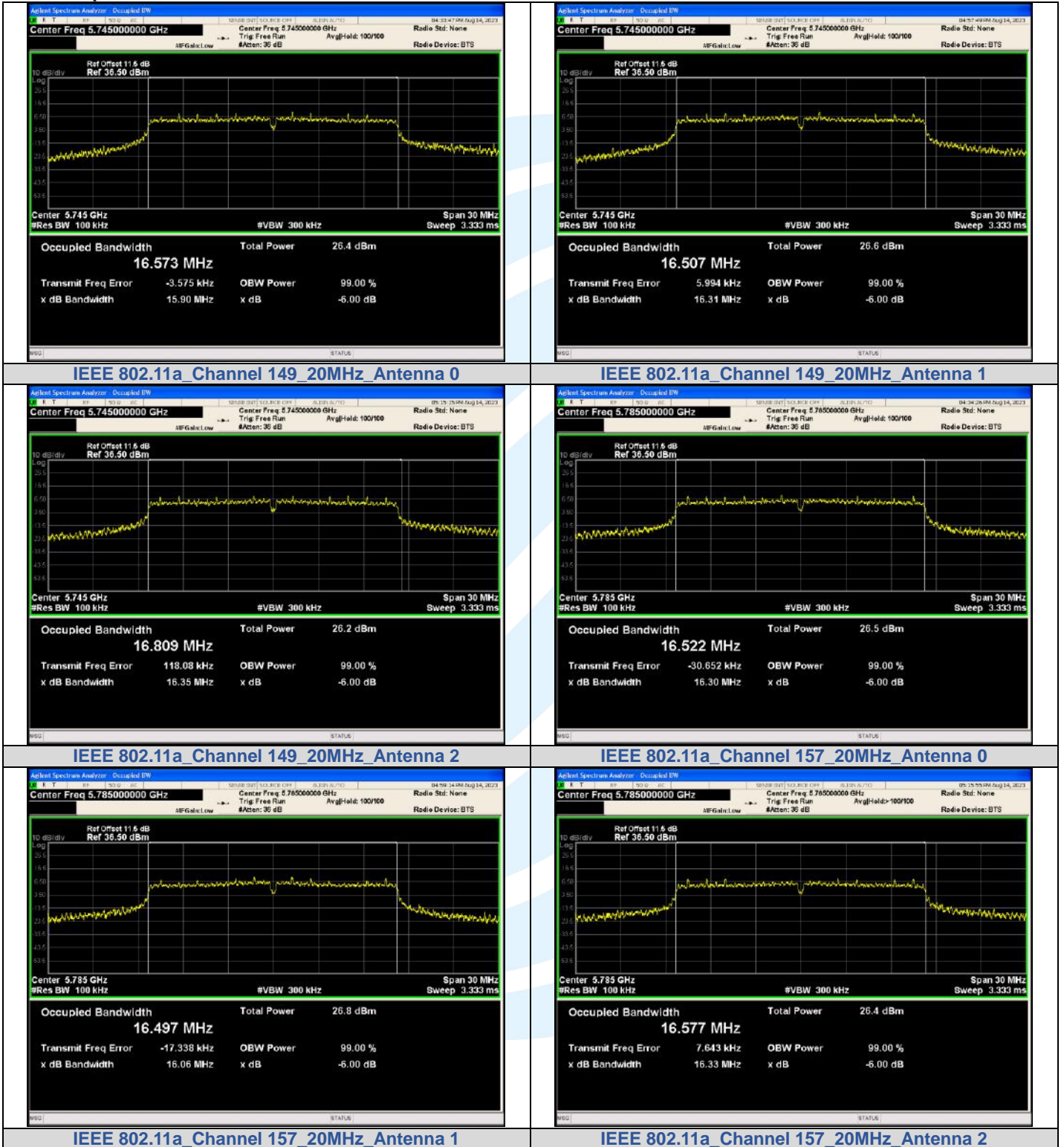
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IEEE 802.11ax_80	155	0	5775	75.12	PASS
		1	5775	75.31	
		2	5775	75.34	

Test Graphs



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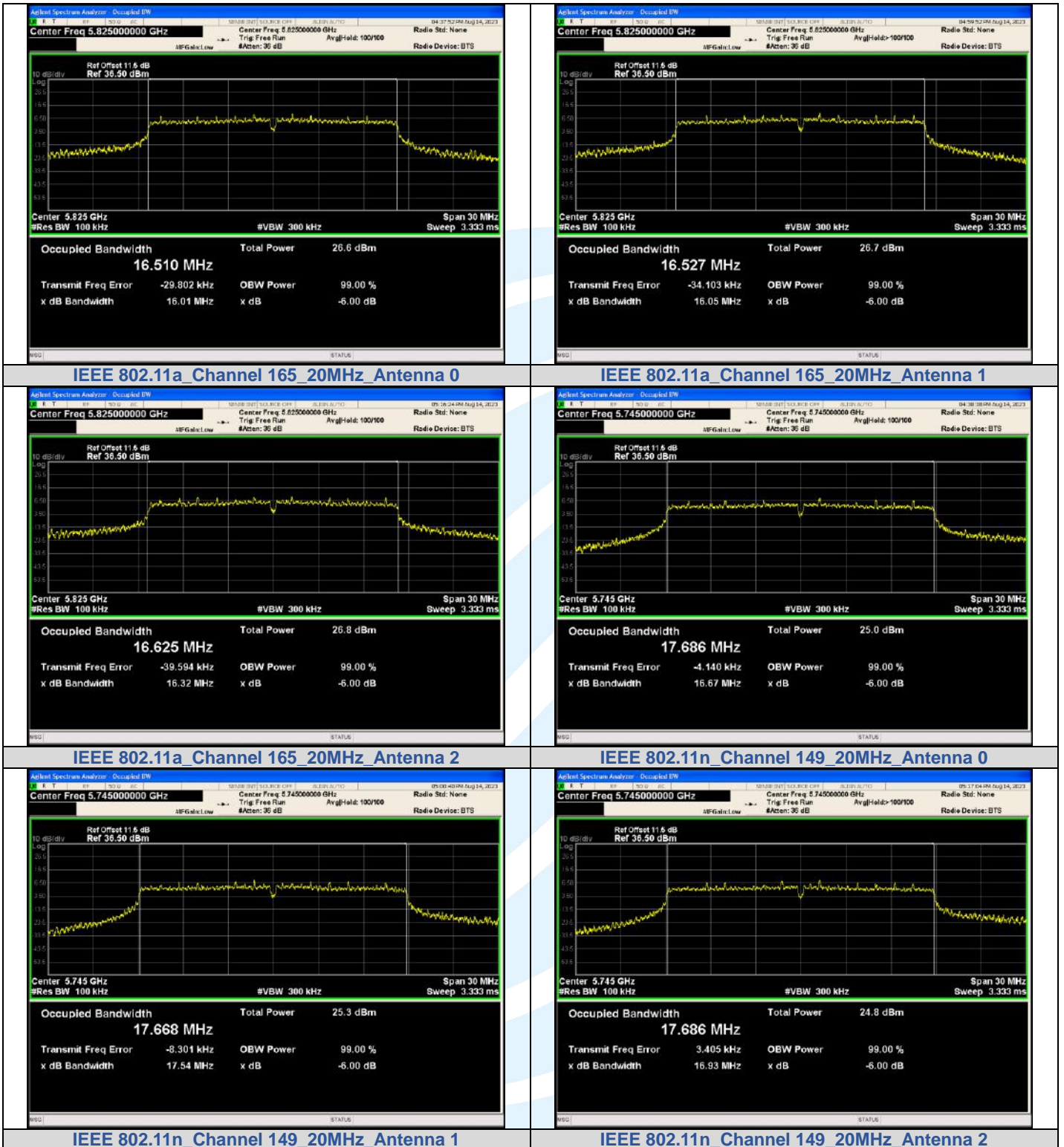
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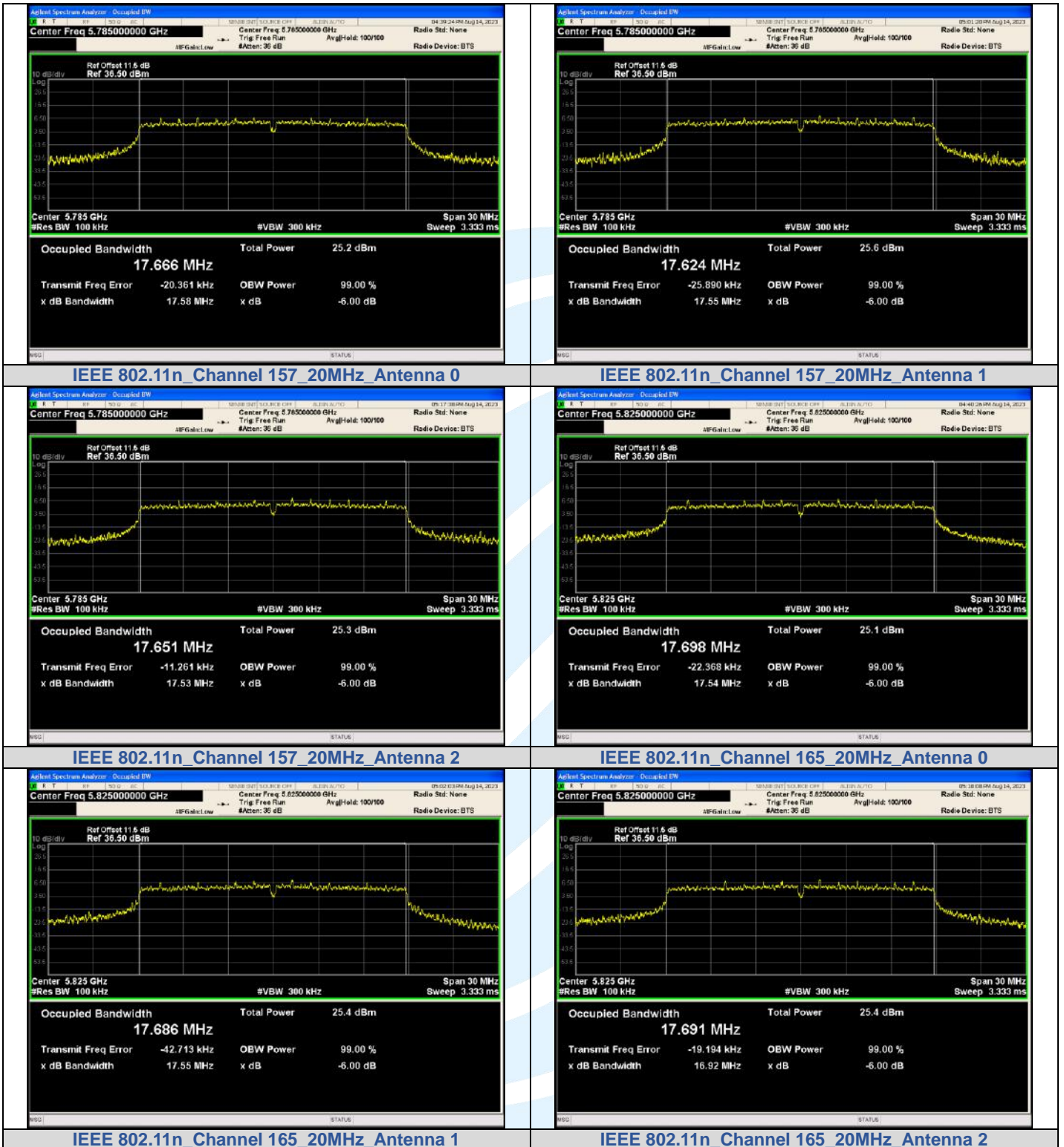
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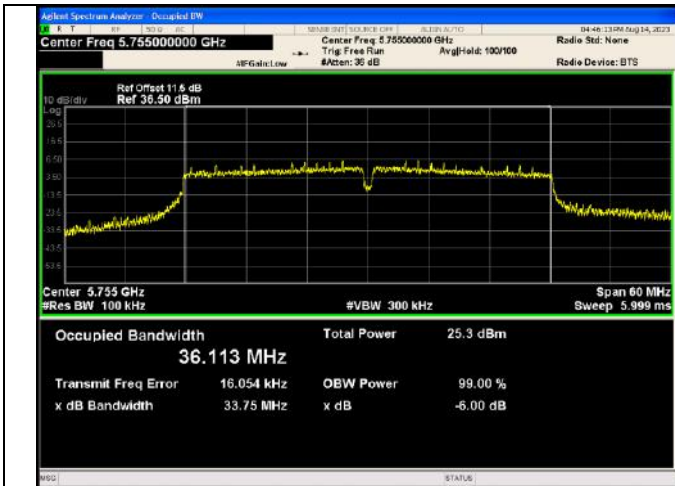
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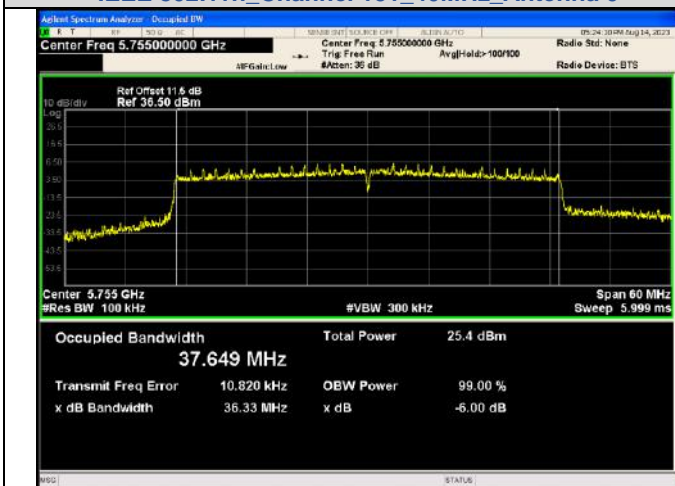
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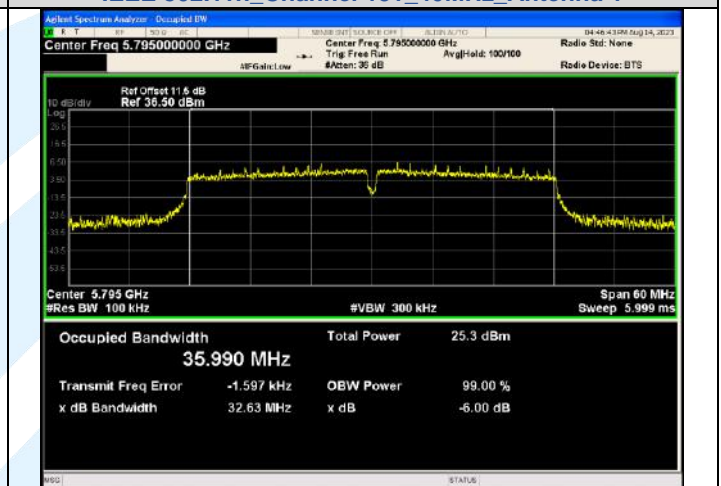
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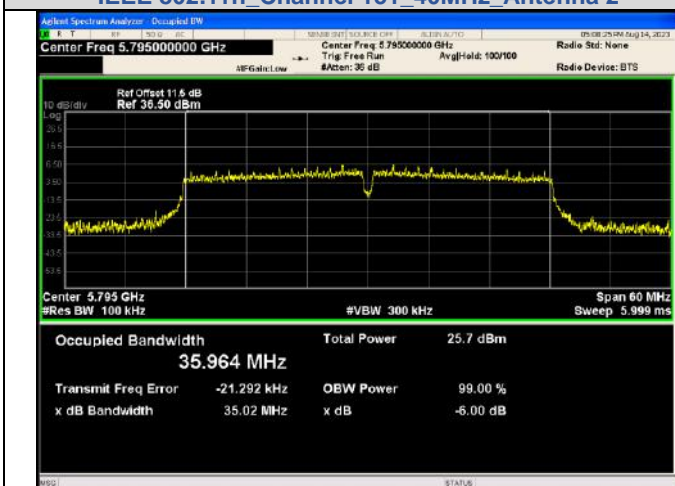
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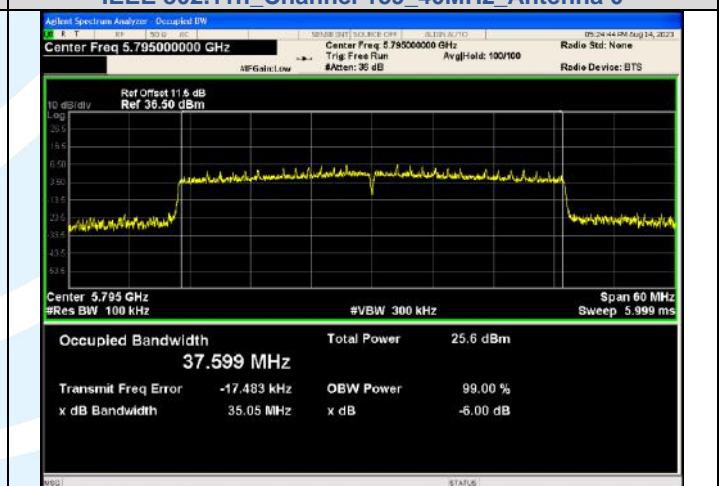
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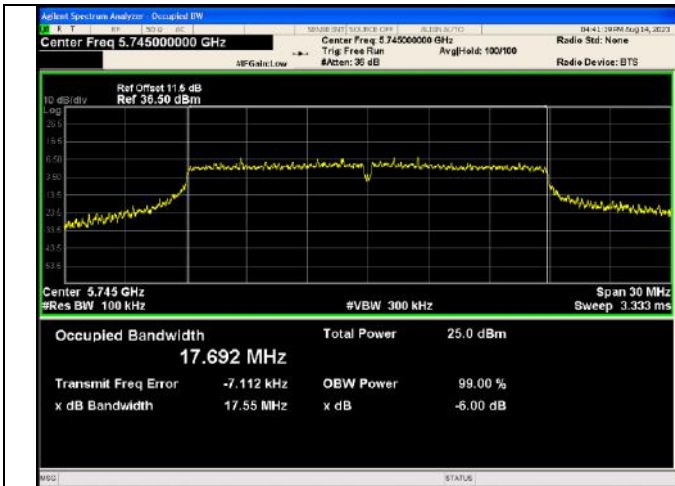
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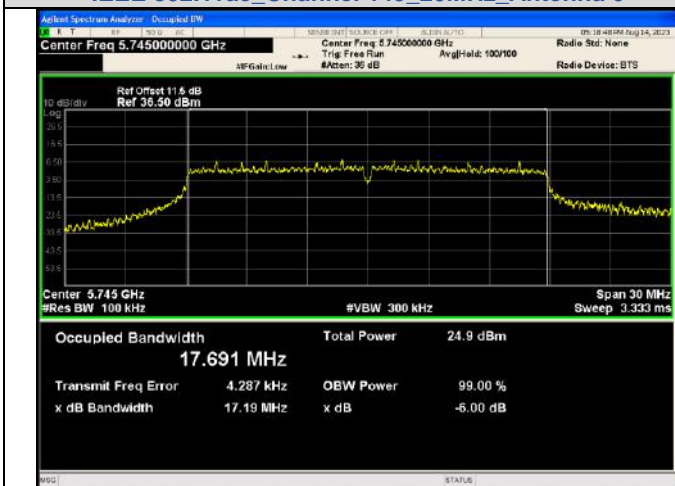
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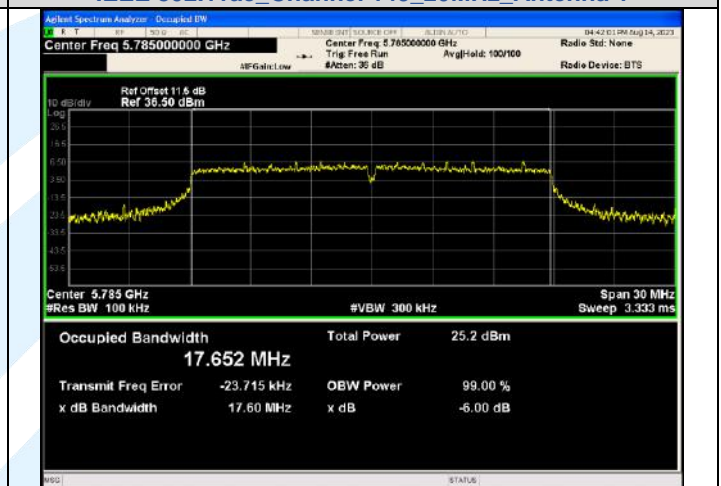
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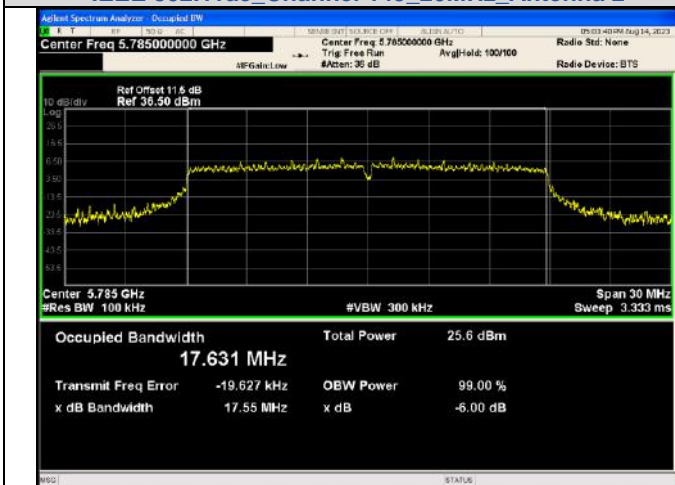
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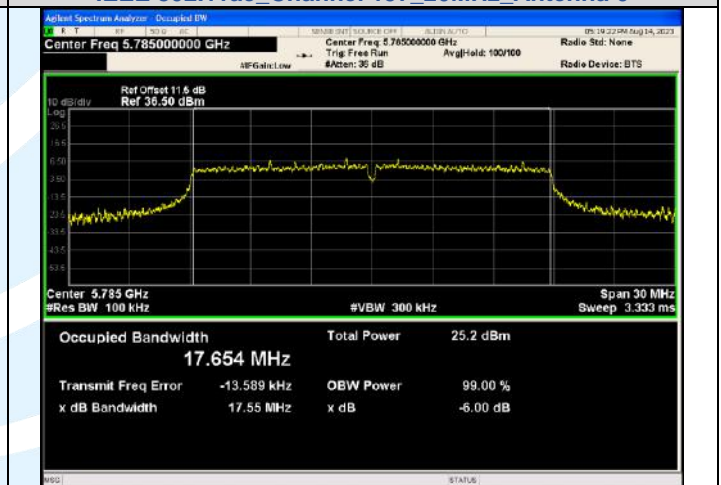
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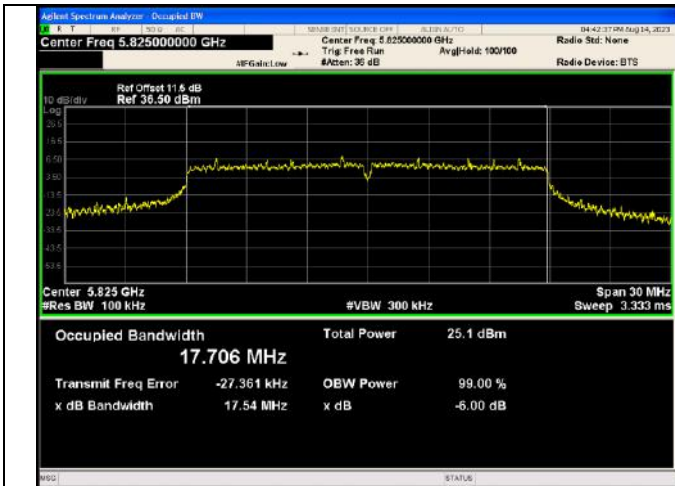
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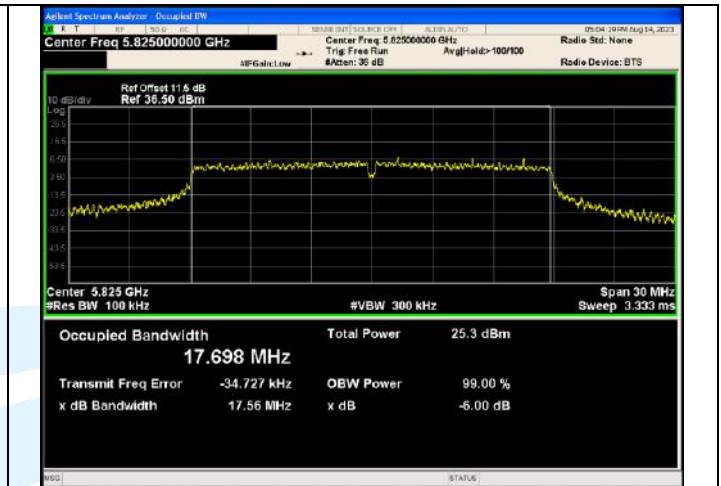
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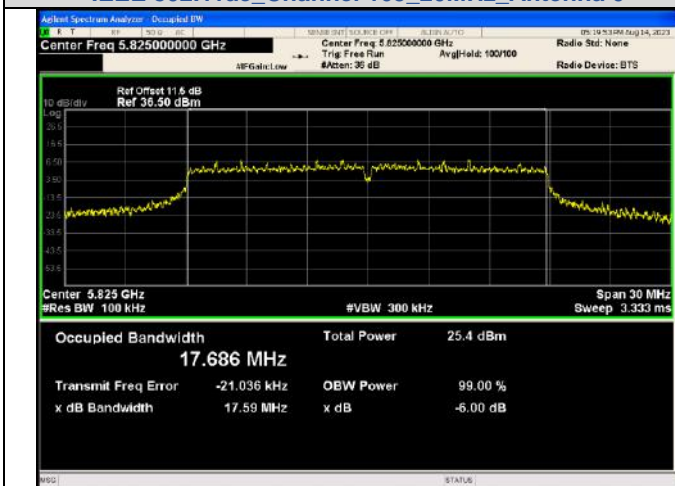
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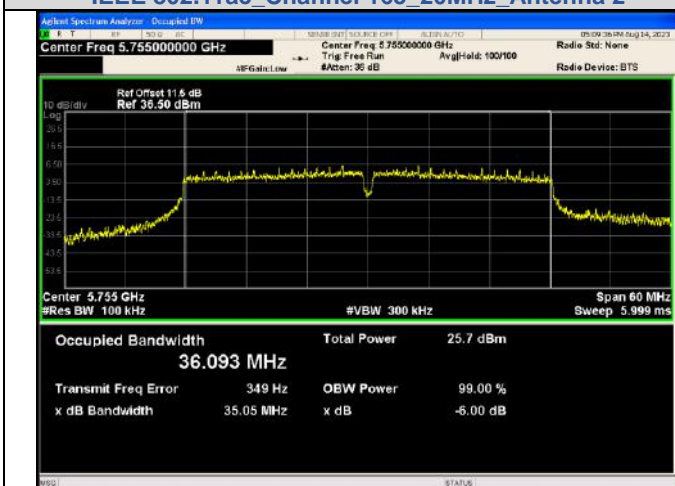
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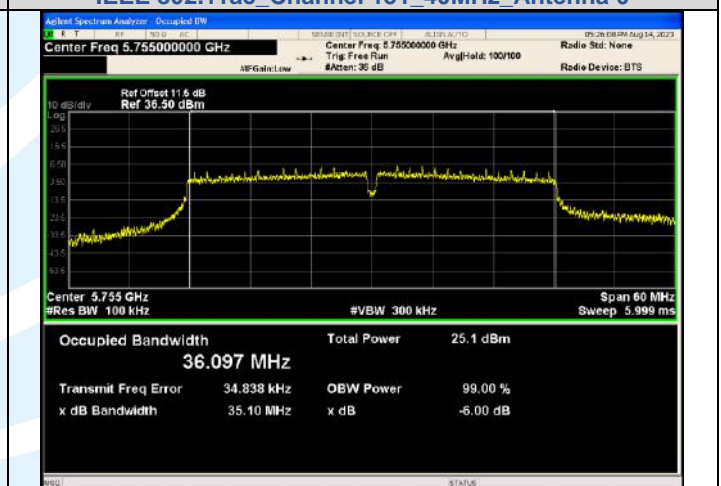
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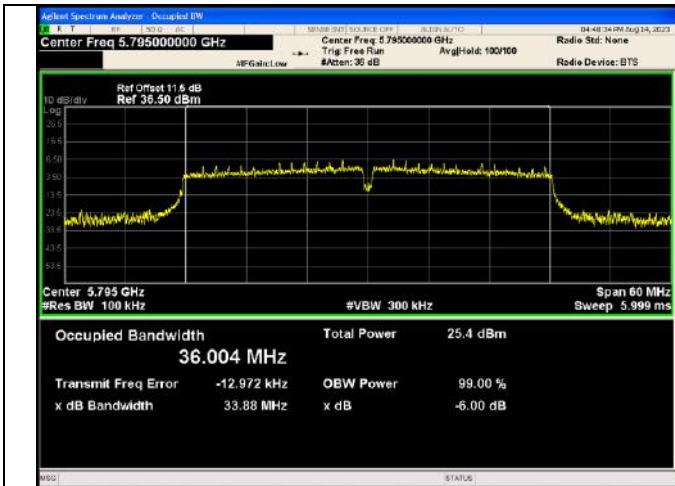
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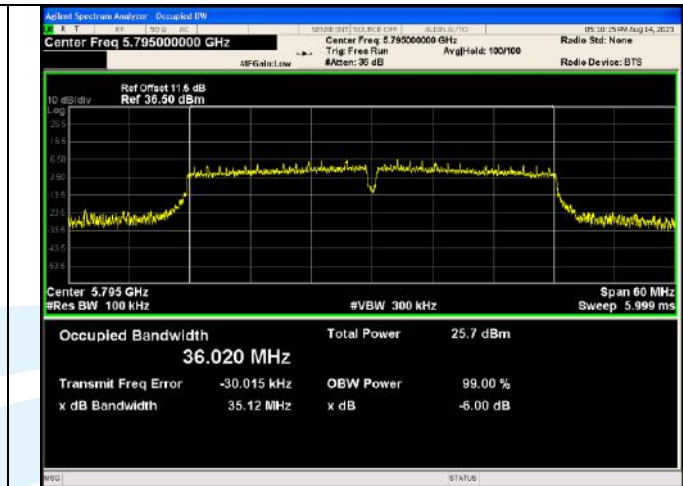
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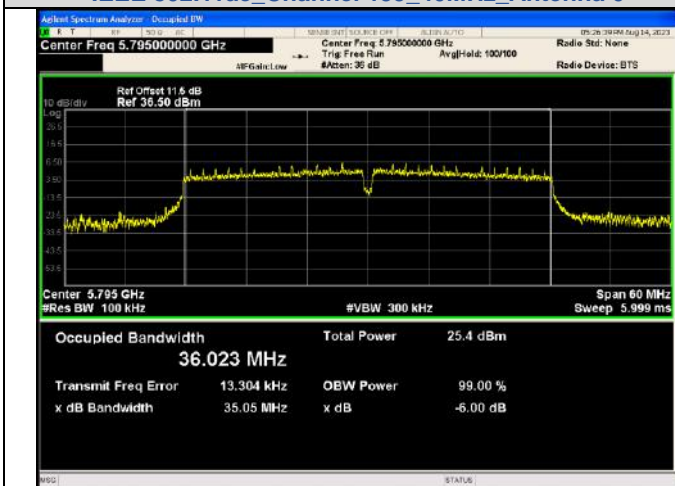
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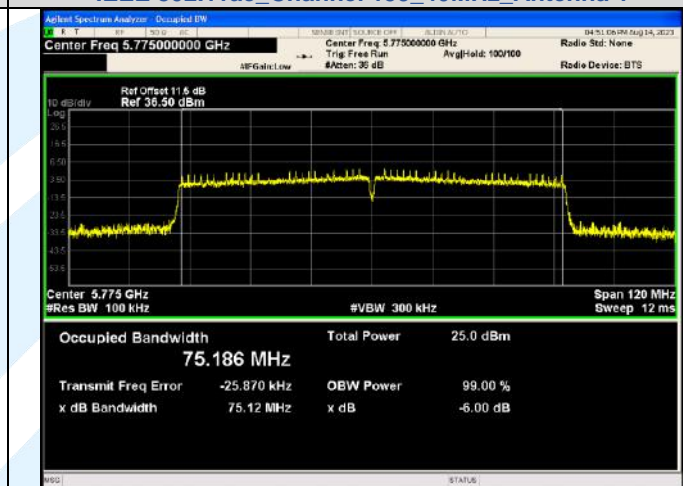
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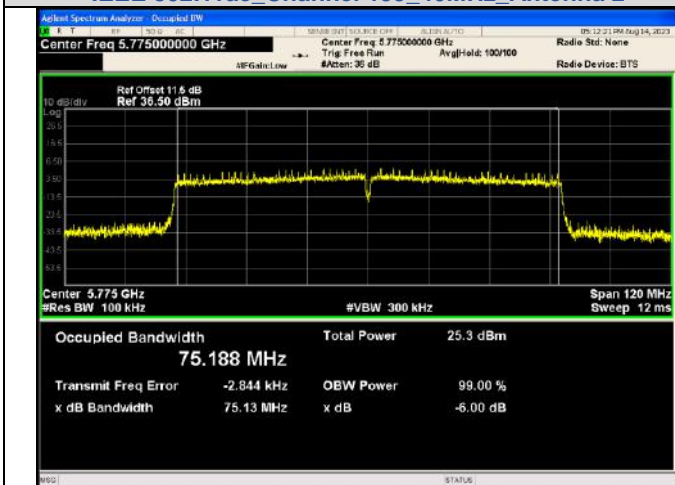
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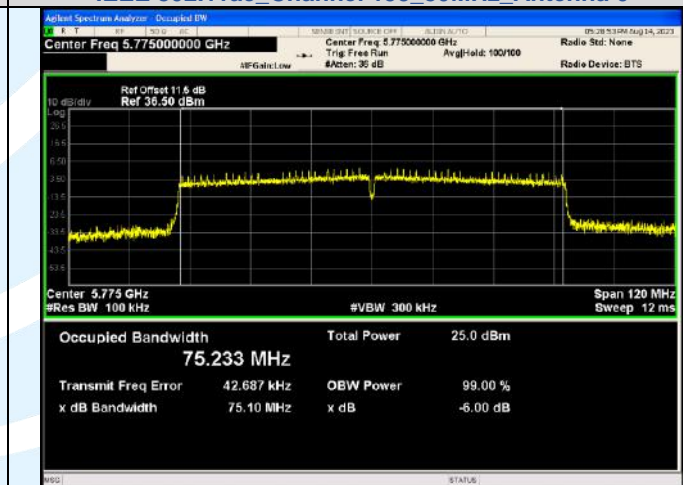
IEEE 802.11ac_Channel 159_40MHz_Antenna 2



IEEE 802.11ac_Channel 155_80MHz_Antenna 0



IEEE 802.11ac_Channel 155_80MHz_Antenna 1



IEEE 802.11ac_Channel 155_80MHz_Antenna 2